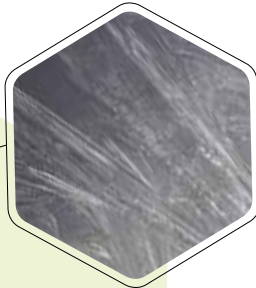




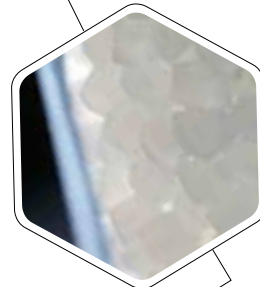
SPECIALTY CHEMICALS



POLYAMIDE 66
POLYAMIDE 6.10
POLYAMIDE 6.12
POLYAMIDE 6



SPECIAL
POLYMERS



POLYMERS





The companies in the RadiciGroup fibres business area are ISO 9001, ISO 14001:2004, 50001:2011 and BS OHSAS 18001:2007 certified. RadiciGroup constantly strives for the highest quality standards and always operates in compliance with ISO certification requirements, monitoring its production, quality control, sales and product distribution processes at every stage.

SYSTEM CERTIFICATIONS



RADICIFIL SPA
IT - CASNIGO (BG)
Certiquality:
ISO 9001:2015



RADICIFIL SPA
IT - CASNIGO (BG)
IQ Net: *ISO 9001:2015*

PRODUCT CERTIFICATIONS



RADICIFIL SPA
IT - CASNIGO (BG)
Oeko-Tex: *Standard 100*



RADICIFIL SPA
IT - CASNIGO (BG)
EPD Certification
PA66 and PA6 BCF yarn

ENERGY CERTIFICATIONS



RADICIFIL SPA
IT - CASNIGO (BG)
Certiquality:
ISO 5001:2011



SAFETY & ENVIRONMENT CERTIFICATIONS



RADICIFIL SPA
IT - CASNIGO (BG)
Certiquality:
OHSAS 18001:2007



RADICIFIL SPA
IT - CASNIGO (BG)
IQ Net:
OHSAS 18001:2007



RADICIFIL SPA
IT - CASNIGO (BG)
Certiquality:
ISO 14001:2004



RADICIFIL SPA
IT - CASNIGO (BG)
IQ Net:
ISO 14001:2004



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The companies in the RadiciGroup chemicals business area are ISO 9001, ISO 14001 and 50001:2011 certified. RadiciGroup constantly strives for the highest quality standards and always operates in compliance with ISO certification requirements, monitoring its production, quality control, sales and product distribution processes at every stage.

SYSTEM CERTIFICATIONS



RADICI CHIMICA SPA
IT - NOVARA
Certiquality: ISO 9001:2015



RADICI CHIMICA SPA
IT - NOVARA
IQ Net: ISO 9001:2015



RADICI CHIMICA DEUTSCHLAND GMBH
DE - TRÖGLITZ
DQS: ISO 9001:2008
ISO 14001:2004



RADICI CHIMICA DEUTSCHLAND GMBH
DE - TRÖGLITZ
IQ Net: ISO 9001:2008
ISO 14001:2004

PRODUCT CERTIFICATIONS



RADICI CHIMICA SPA
IT - NOVARA
RADIPOL DC (610) e RADIPOL DX (10.10)
Certificate AEON - ASTM D6866



RADICI CHIMICA SPA
IT - NOVARA
Certiquality: OEF001
Organisation Environmental Footprint



RADICI CHIMICA SPA
IT - NOVARA
Certiquality: PEF001
Product Environmental Footprint

ENERGY CERTIFICATIONS



RADICI CHIMICA DEUTSCHLAND GMBH
DE - TRÖGLITZ
DQS 50001:2011



RADICI CHIMICA SPA
IT - NOVARA
ISO 50001:2011

SAFETY & ENVIRONMENT CERTIFICATIONS



RADICI CHIMICA SPA
IT - NOVARA
Certiquality: OHSAS 18001:2015



RADICI CHIMICA SPA
IT - NOVARA
IQ Net: OHSAS 18001:2015



RADICI CHIMICA SPA
IT - NOVARA
Certiquality: ISO 14001:2004



RADICI CHIMICA SPA
IT - NOVARA
IQ Net: ISO 14001:2004



RADICI CHIMICA SPA
IT - NOVARA
Certiquality: OEF001
Organisation Environmental Footprint



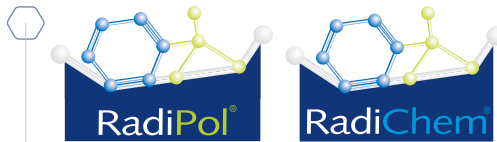
RADICI CHIMICA SPA
IT - NOVARA
Certiquality: PEF001
Product Environmental Footprint



RADICI CHIMICA DEUTSCHLAND GMBH
DE - TRÖGLITZ
DQS 18001:2007



RADICI CHIMICA DEUTSCHLAND GMBH
DE - TRÖGLITZ
IQ Net 18001:2007





PA 66								PA 66 FAST PROCESSING		PA 66/6		POST-CONDENSED PA66		
A35	A40	A40D	A45	A45D	A45DD	A45H01	A45L	A45L1	C40	C45	A75	A95	A105	
High flow	High flow	High flow Low humidity	General use	General use Low humidity	General use Low humidity	High amino	High flow	High flow	High flow Good surface aspect	Standard viscosity Good surface aspect	High viscosity for extrusion	High viscosity for extrusion	High viscosity for extrusion	

MAIN CHARACTERISTICS	UNITS	A35	A40	A40D	A45	A45D	A45DD	A45H01	A45L	A45L1	C40	C45	A75	A95	A105
Density	Kg/dm3	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
Bulk density	Kg/dm3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Granulometry	g/100 chips	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Melting temperature	(°C)	262	262	262	262	262	262	262	262	262	246	246	262	262	262
Relative viscosity (sulfuric acid 96%)	-	2.33	2.45	2.45	2.67	2.67	2.67	2.62	2.60	2.60	2.45	2.67	3.20	3.95	4.30
Amino end-groups	meq/Kg	-	-	-	-	-	-	82	-	-	-	-	-	-	-
Humidity content at packaging	%(wt/wt)	0.5	0.5	0.15	0.5	0.15	0.10	0.50	0.15	0.15	0.5	0.5	0.08	0.08	0.08
Yellow index on pellets	-	-8	-8	-6	-10	-6	-8	-9	-8	-8	-6	-6	-5	-5	-4
Black dots	n°/Kg	10	10	10	10	10	10	10	5	5	10	10	10	10	10



PA 66	
40AM30KH	40AM130KH
Semi-dull	Full-dull

MAIN CHARACTERISTICS	UNITS	40AM30KH	40AM130KH
Density	Kg/dm3	1.14	1.14
Bulk density	Kg/dm3	0.7	0.7
Granulometry	g/100 chips	1.7	1.7
Melting temperature	(°C)	262	262
Relative viscosity (sulfuric acid 96%)	-	2.48	2.46
Amino end-groups	meq/Kg	51	52
Humidity content at packaging	%(wt/wt)	0.6	0.6
Yellow index on pellets	-	0	+4
Black dots	n°/Kg	10	10



PA 66		
45A00	A45K02	45C00H
Carpet yarns Technical yarns	Industrial yarns Heat stabilized	Fibers Compound

MAIN CHARACTERISTICS	UNITS	45A00	A45K02	45C00H
Density	Kg/dm3	1.14	1.14	1.14
Bulk density	Kg/dm3	0.7	0.7	0.7
Granulometry	g/100 chips	2	2	2
Melting temperature	(°C)	262	262	254
Relative viscosity (sulfuric acid 96%)	-	2.7	2.65	2.67
Amino end-groups	meq/Kg	46	-	78
Humidity content at packaging	%(wt/wt)	0.4	0.5	0.5
Yellow index on pellets	-	-9	-	-6
Black dots	n°/Kg	10	10	10

Analysis methods are available upon request. The informations contained in this brochure is based on our experience and is given in good faith. Data values should be considered as a guideline and they don't constitute a specification.



**Polymers 63%
From renewable sources**

PA 6.10

DC40

DC45

DC95

High flow

General use

High viscosity

MAIN CHARACTERISTICS

UNITS

MAIN CHARACTERISTICS	UNITS	DC40	DC45	DC95
Density	Kg/dm ³	1.07	1.07	1.07
Bulk density	Kg/dm ³	0.6	0.6	0.6
Granulometry	g/100 chips	1.7	1.7	1.7
Melting temperature	(°C)	220	220	220
Relative viscosity (sulfuric acid 96%)	-	2.45	2.63	3.85
Amino end-groups	meq/Kg	-	-	-
Humidity content at packaging	%(wt/wt)	0.4	0.4	0.1
Yellow index on pellets	-	+8	+8	+8
Black dots	n°/Kg	10	10	10



Nylon Special Polymers

PA 6.12

DD45

DD75

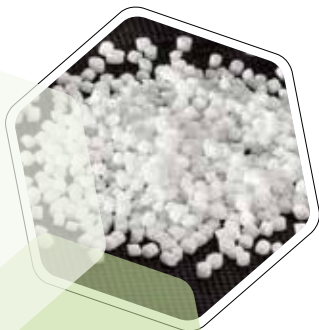
General use

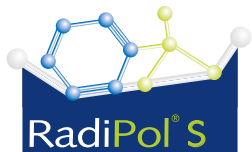
High viscosity

MAIN CHARACTERISTICS

UNITS

MAIN CHARACTERISTICS	UNITS	DD45	DD75
Density	Kg/dm ³	1.07	1.07
Bulk density	Kg/dm ³	0.6	0.6
Granulometry	g/100 chips	1.7	1.7
Melting temperature	(°C)	215	215
Relative viscosity (sulfuric acid 96%)	-	2.5	3.2
Amino end-groups	meq/Kg	-	-
Humidity content at packaging	%(wt/wt)	0.3	0.1
Yellow index on pellets	-	0	0
Black dots	n°/Kg	10	10





RadiPol[®] S

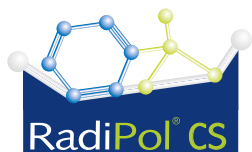
Polymers - Homopolymers

PA 6

S22	S24HA	S24	S27	S100-004	BASICO	DEEP	S35P	S40P
High flow	High flow High amino	High flow	General use	Textile grade bright	Textile grade high CEG	Textile grade high AEG	High viscosity	High viscosity

MAIN CHARACTERISTICS UNITS

MAIN CHARACTERISTICS	UNITS	S22	S24HA	S24	S27	S100-004	BASICO	DEEP	S35P	S40P
chips/g	nr/g	110	110	110	110	92	92	92	92	92
apparent density	g/cm ³	0.7		0.75	0.75	0.75	0.75	0.75	0.75	0.75
caprolactam	max (%)	0.6	0.8	0.75	0.8	0.6	0.6	0.6	0.8	0.8
yellow index	max	0	3	2	2	2	2	-2	2	2
relative viscosity		2.2	2.39	2.49	2.74	2.73	2.72	2.78	3.5	4
moisture	ppm	1000	1000	1000	1000	800	600	600	800	800
amino end groups	meq/Kg	-	107	-	-	50	22	80	-	-
carboxylic end group	meq/Kg	-	-	-	-	52	83	19	-	-
melting point	°C	220	220	220	220	220	220	220	220	220



RadiPol[®] CS

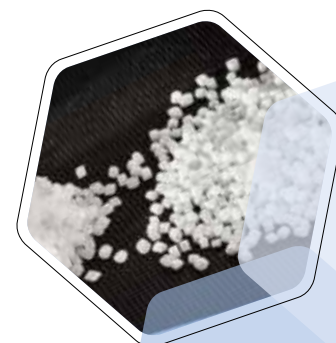
Polymers - Copolymers

PA 6/66

CS34LX	CS38LX	CS38TX	CS40LXW	CS38TXWA
High viscosity	High viscosity	Transparent	Lubricated	Transparent Lubricated

MAIN CHARACTERISTICS UNITS

MAIN CHARACTERISTICS	UNITS	CS34LX	CS38LX	CS38TX	CS40LXW	CS38TXWA
chips/g	nr/g	140	140	140	140	140
apparent density	g/cm ³	0.75	0.75	0.75	0.75	0.75
caprolactam	max (%)	0.8	0.8	0.8	0.8	0.8
yellow index	max	5	5	5	5	5
relative viscosity		3.46	3.8	3.85	4.1	3.85
moisture	max (ppm)	1000	1000	1000	1000	1000
melting point	°C	195	195	201	195	201



Analysis methods are available on request. The informations contained in this literature is based on our experience and is given in good faith. Data values should be considered as a guideline and they don't constitute a specification



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SPECIALTY CHEMICALS

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