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| Issued: |
| February 2018 |


| Product | RADIPOL ${ }^{\circledR}$ 40AM130KH |
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| Product code | P66F081 |
| Colour | FULL DULL |
| References | $N^{\circ} \mathrm{CAS} .32131-17-2$ |


| Description | Polyamide 66, Low viscosity, $1,3 \%$ Titanium Dioxide, Heat stabilized |
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| Typical <br> application | Base polymer for melt spinning POY, FOY, LOY |
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| Material <br> handling | The material is supplied as granulate in bulk. |
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| Store away from the direct rays of the sun in rooms provided with a proper ventilation. The packages must be kept |  |
| closed until utilization. For the storing in silo use stainless steel or aluminum silos. |  |


| Recycling | The product can be reused after grinding and extrusion. |
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| Specification <br> and regulation | For safety instruction please refer to Material Safety Data Sheet. |
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| Adequacy | The product complies the Regulation: |
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| declarations | European Directive 2011//65/EC (and to successive updated and integrations) |
| $-\quad$ Ministerial Decree 174/2004 (and to successive updated and integrations) relating to the use of materials that |  |
| come into contact with drinking water. |  |
|  | Important: the above mentioned information relates only to the materials as delivered in their original packaging. <br> It's not applicable to the product modified with or without addition of further additives. |


| Properties (1) (Typical Values) | Properties | Method | Unit | Value | Test conditions |
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|  | Physical Properties |  |  |  |  |
|  | Density | ISO1183 | $\mathrm{Kg} / \mathrm{dm}^{3}$ | 1,14 |  |
|  | Relative Viscosity | Internal Method | - | 2,46 | Solvent: sulphuric acid $95.7 \%$ Polyamide concentration: $0.01 \mathrm{~g} / \mathrm{ml}$ |
|  | Chip Size | - - | mm | 2,0×2,5×3,0 |  |
|  | Granulometry | Internal Method | g/100 chips | 1,7 |  |
|  | Yellow Index | Internal Method | - | 4 max |  |
|  | Amino End Group | MA0014 | $\mathrm{meq} / \mathrm{kg}$ | 52 |  |
|  | Carboxylic end group | MA0014 | meq/kg | 73 |  |
|  | $\mathrm{TiO}_{2}$ content | MA0015 | \% | 1,3 |  |
|  | Thermal Properties |  |  |  |  |
|  | Melting temperature | ISO 11357-1-3 | ${ }^{\circ} \mathrm{C}$ | 262 | Scanning rate $10^{\circ} \mathrm{C} / \mathrm{min}$ |
| Notes: (1) test specimens were obtained according ISO 1874-2. |  |  |  |  |  |

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