

# TECHNICAL DATA SHEET

Issued: February 2018	<b>Product</b>	<b>RADIPOL® 40AM30KH</b>
	<b>Product code</b>	P66F080
	<b>Colour</b>	DULL
	<b>References</b>	N° CAS. 32131-17-2

<b>Description</b>	Polyamide 66, Low viscosity, 0,3% Titanium Dioxide, Heat stabilized
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<b>Typical application</b>	Base polymer for melt spinning POY, FOY, LOY
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<b>Material handling</b>	The material is supplied as granulate in bulk. 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.
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<b>Recycling</b>	The product can be reused after grinding and extrusion.
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<b>Specification and regulation</b>	For safety instruction please refer to Material Safety Data Sheet.
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<b>Adequacy declarations</b>	The product complies the Regulation: - European Directive 2011/65/EC (and to successive updated and integrations) - 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. It's not applicable to the product modified with or without addition of further additives.
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	Properties	Method	Unit	Value	Test conditions
<b>Properties (1)</b> (Typical Values)	<b>Physical Properties</b>				
	<b>Density</b>	ISO1183	Kg/dm <sup>3</sup>	1,14	
	<b>Relative Viscosity</b>	Internal Method	-	2,48	Solvent: sulphuric acid 95.7% Polyamide concentration:0.01 g/ml
	<b>Chip Size</b>	-	mm	2,0x2,5x3,0	
	<b>Granulometry</b>	Internal Method	g/100 chips	1,7	
	<b>Yellow Index</b>	Internal Method	-	0 max	
	<b>Amino End Group</b>	MA0014	meq/kg	51	
	<b>Carboxylic end group</b>	MA0014	meq/kg	76	
	<b>TiO<sub>2</sub> content</b>	MA0015	%	0,3	
	<b>Thermal Properties</b>				
<b>Melting temperature</b>	ISO 11357-1-3	°C	262	Scanning rate 10°C/min	

Notes: (1) test specimens were obtained according ISO 1874-2.

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