



# REFLOW

polyolefins blend

Typical Properties	Test Method	Test condition	Units	Value
<b>Physical</b>				
Density	ASTM D 792-91	23 °C	g/cm <sup>3</sup>	0,939
Ashes Percentage	ISO 3451		%	2,1
Melt Flow Rate (MFI)	ASTM D 1238A	230 °C/ 2,16 Kg	g/10 min	16,3
Moisture percentage	UNI 10667-16		%	≤ 0,2
<b>Mechanical</b>				
Izod Failure Energy	ISO 180A	23 °C	KJ/m <sup>2</sup>	3,3 ± 0,1
Izod Failure Energy	ISO 180A	-20 °C	KJ/m <sup>2</sup>	2,1 ± 0,1
Elastic flexural Module	ISO178		N/mm <sup>2</sup>	977
Tensile Module	ISO 527		N/mm <sup>2</sup>	985
Tensile Strength at break	ISO 527		N/mm <sup>2</sup>	20
Elongation at break	ISO 527		%	31
<b>Thermal</b>				
Deflection index HDT	ASTM D 648-96		°C	nd
Softening Temperature VICAT	ASTM D 1525-96		°C	nd
Melting Point DSC	ASTM D 3418-97		°C	111; 126; 161
(For every peak in the blend)			°C	
<b>Molding conditions</b>				
Cylinder temperature			°C	190-220
Mold temperature			°C	30-60
Drying temperature			°C	60-80
Drying time*			h	4

The product complies with the standard UNI 10667

The values shown represent the average of a representative sample of the product and are provided to give indications to the user; they do not constitute a guarantee and do not generally imply any guarantee or commitment on the part of the Company.

The synthetic polymer microparticles supplied are subject to the conditions set out in Annex XVII, entry 78, of Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

The mean values obtained in the tensile tests have a confidence interval established at 95% of the mean value

\* we recommend drying the granule for 4 hours from 60 to 80 °C

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