

# Technical Data Sheet

PIR LDPE Regranulate

Product Code: 015501



CAS Number	9002-88-4
Components	Polyethene (98,5.-1 00) Other unidentified polymers (0 and-1 .5) Other unidentified contaminants (0-0.2)

Physical Properties	Value	Units	Test Method
Physical state	Solid granules	/	/
Color	Natural, clear to translucent	/	/
Density	0.91-0.925	g/cm <sup>3</sup>	ISO 1183
MFI (190°C/ 2,16kg)	3-7	g/10 min	ISO 1133
Tensile Strength (10mm/min)	10,5	N/mm <sup>2</sup>	ISO 527-2
Elongation at Break	143	%	ISO 527-2
Elongation at Yield	118	%	ISO 527-2
Flexural Modulus	255	N/mm <sup>2</sup>	ISO 178
Flexural Strength	10,5	N/mm <sup>2</sup>	ISO 178
E Modulus (+23°C 10mm/min)	163	N/mm <sup>2</sup>	ISO 3451-1
Charpy Impact Strength, notched (23°C)	66,6	KJ/m <sup>2</sup>	ISO 179

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Shore D	45	+23	ISO 7619-1
HDT	A:<35 B:43,5	1,8 N/mm <sup>2</sup> at 120°C/h 0,45 Nmm <sup>2</sup> at 120°C/h	ISO 75
Vicat	A:85,2 B:85,8	10 Nat 50°C/h 10 N at 120°C/h	ISO 306

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