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Technical Data Sheet

• PPTENE™ RN4333



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Product Description

RN4333 is a high flow injection moulding grade Linear Low Density Polyethylene copolymer with narrow molecular weight distribution. It has been designed to have excellent low temperature toughness, stress crack resistance, moldability and gloss.

RN4333 is available in its natural powder form.

RN4333

LLDPE
Injection Moulding Grade

Melt Flow Index: 50.0 g/10 min
Density: 0.926 g/cm³

Typical applications
Masterbatch

Physical Characteristics¹

Characteristics	Value	Unit	Test Method
Melt Flow Index (MFI)	50.0	g/10min	ASTM D 1238
Density	0.926	g/cm ³	ASTM D 1505
Vicat Softening Point	88	°C	ASTM D 1525
Brittleness Temperature	<-75	°C	ASTM D 746
Secant Modulus @ 1% Elongation	354	MPa	ASTM D 638
Tensile Strength @ Yield	13	MPa	ASTM D 638
Tensile Strength @ Break	12	MPa	ASTM D 638
Tensile Elongation @ Break	120	%	ASTM D 638
Izod Impact (notched)	450	J/m	ASTM D 256
Hardness (Shore D)	55	-	ASTM D 2240
ESCR (100% Igepal) (F ₅₀)	2	h	ASTM D 1693A

¹ Data values shown are average values for the base resin and should not be used for specification limits.

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