

Data Sheet

Novapex PPC40LF B

Description

Novapex PPC40LF is premium 40% CaCO₃ reinforced polypropylene thermoplastic moulding compound. It has a good balance of mechanical and physical properties together with easy flow characteristics, good UV stability and heat stability. This grade is custom coloured to match traffic gray RAL7043.

End Use /Process

Injection moulding for various industrial and commercial parts and products.

Properties		Value	Test Method
Novapex PPC40LF B			
Density (g/cm ³)		1.18	ISO 1183 Method A
MFI	(g/10 min)	18.7	ISO 1133
MFR	(cm ³ /10 min)	15.8	ISO 1133
Ash content (%)		29.4	ISO 3451-1 Method A
Tensile test – strength & elongation	Strain at peak (%)	2.42	ISO 527
	Stress at peak (MPa)	16.3	ISO 527
	Strain at break (%)	15.2	ISO 527
	Stress at break (MPa)	13.4	ISO 527
Izod impact test	Notched (kJ/m ²)	11.57	ISO 180/1A
	Unnotched (kJ/m ²)	102.3	ISO 180/1A
Flexural analysis	Load at yield (k/N)	0.05	ISO 178
	Stress at yield (MPa)	30.8	ISO 178
	Modulus (MPa)	1389	ISO 178

Disclaimer

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Additional Information

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