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
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Density (g/cm³) | 1.18 | ISO 1183 Method A
MFI (g/10 min) | 18.7 | ISO 1133
MFR (cm³/10 min) | 15.8 | ISO 1133
Ash content (%) | 29.4 | ISO 3451-1 Method A
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
Notched (kJ/m²) | 11.57 | ISO 180/1A
Unnotched (kJ/m²) | 102.3 | ISO 180/1A
Load at yield (k/N) | 0.05 | ISO 178
Stress at yield (MPa) | 30.8 | ISO 178
Modulus (MPa) | 1389 | ISO 178

Disclaimer

This information is not to be taken as warranty or representation for which we assume legal responsibility nor a permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, verification and shall form no part of any contract with customer.

Additional Information

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