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SD-STANDARD-100C™

Product Characteristics

Product Description

SD-Standard-100C™ family of polypropylene based compounds covers broad range of applications, markets and performance requirements. Standard grades are compounded with calcium carbonate. Custom grades are available with features such as high impact, heat stabilizers and UV stabilizers.

General Information

Features	<ul style="list-style-type: none"> Alloy General Purpose
Applications	<ul style="list-style-type: none"> Asphalt modification Construction Industrial Consumer goods Automotive
Processing Method	<ul style="list-style-type: none"> Injection Molding Extrusion
Filler	<ul style="list-style-type: none"> 4%-8 % Filler by Weight
Form	<ul style="list-style-type: none"> Pellets
Appearance	<ul style="list-style-type: none"> Black, Gray

Technical Information

Physical Properties	Measured Value	Standards
Specific Gravity	<ul style="list-style-type: none"> 1.12 	<ul style="list-style-type: none"> ASTM D792
Specific Volume	<ul style="list-style-type: none"> 0.89 cm³/gr 	<ul style="list-style-type: none"> ASTM D792
Melt Index (230°C/2.16kg)	<ul style="list-style-type: none"> 4.0 - 6.0 g/10min. 	<ul style="list-style-type: none"> ASTM D1238

Mechanical Properties	Measured Value	Standards
Tensile Stress, at break	<ul style="list-style-type: none"> 35 MPa 	<ul style="list-style-type: none"> ASTM D638
Tensile Stress, at yield	<ul style="list-style-type: none"> 18.6 MPa 	<ul style="list-style-type: none"> ASTM D638
Tensile Strain, at break	<ul style="list-style-type: none"> 110 % 	<ul style="list-style-type: none"> ASTM D638
Notched Izod Impact	<ul style="list-style-type: none"> 1.1 ft.lbs/in. 	<ul style="list-style-type: none"> ASTM D256
Hardness (Shore D)	<ul style="list-style-type: none"> 65 	<ul style="list-style-type: none"> ASTM D2240

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