

Technical Data Sheet

Percom PP A0905 GREY 4978-1



Polypropylene Copolymer

Product Description

Percom PP A0905 GREY 4978-1 is a Polypropylene Copolymer Chalk, 20% filled material and is typically used in Injection Molding applications. Features include: Copolymer.

Processing Method	Injection Molding
Attribute	Copolymer
Application	Automotive Applications
Filler/Reinforcement	Chalk, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ISO 1133
Density	1.04	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	27	MPa	ISO 527-2
Tensile Strain at Break	200	%	ISO 527-2
Flexural Modulus	1750	MPa	ISO 178
Tensile Stress at Break	20	MPa	ISO 527-2
Impact			
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	7.0	kJ/m ²	ISO 180
Hardness			
Shore Hardness, (Shore D)	68		ISO 868
Thermal			
Vicat Softening Temperature, (A (10N), 50 °C/h)	147	°C	ISO 306
Flammable			
Burning Rate			
(2.00 mm)	<100	mm/min	ISO 3795
(2.00 mm)	<100	mm/min	FMVSS 302

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C