

## 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.

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ISO 1133
Density	1.04	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	7.0	kJ/m <sup>2</sup>	ISO 180
<b>Hardness</b>			
Shore Hardness, (Shore D)	68		ISO 868
<b>Thermal</b>			
Vicat Softening Temperature, (A (10N), 50 °C/h)	147	°C	ISO 306
<b>Flammable</b>			
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