3208

8 MELT FLOW HIGH IMPACT COPOLYMER FOR INJECTION MOLDING

Product Description and Applications:

Pinnacle Polymers Polypropylene 3208 is made via UNIPOL™ PP technology, which utilizes gas- phase fluidized bed reactors with a high activity catalyst system to ensure uniform physical properties and lot-to-lot consistency.

This product is intended for injection molding of automotive including battery cases as well as other consumer product applications . Also contains a long-term heat aging additive system.

Features:

The 3208 product provides:

- Wet/Dry environment resistance
- Superior balance of stiffness and high impact strength
- Excellent long term heat aging properties
- Excellent color and processing stability
- Enhanced weld-line strength
- UL Listed

Property	Traditional Units	SI Units	ASTM Test
Melt Flow Rate	8 g/10 min.	8 g/10 min.	D1238
Density at 23°C	0.9 g/cm^3	900 kg/m^3	D1505
Shrinkage	0.013 in/in	0.013 mm/mm	D955
Heat Deflection Temperature at 0.455 MPa (66psi)	178°F	81°C	D648
Tensile yield strength, at 51 mm/min	3400 psi	23.5 MPa	D638
Yield elongation, at 51 mm/min	7%	7%	D638
Flexural modulus (1% secant) at 1.27 mm/min	155,000 psi	1070 MPa	D790A
Notched Izod impact strength, at 73°F/23°C	6 ft-lb/in	320 J/m 31 kJ/m^2	D256
Gardner Impact strength at -22°F/-30°C	300 in-lb	33 J	D5420

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FDA and SDS documents are available on our website at: http://www.pinnaclepolymers.com/datasds.php

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