

6155C3

55 MELT FLOW CLARIFIED RANDOM COPOLYMER FOR INJECTION MOLDING

Product Description and Applications:

Pinnacle Polymers Polypropylene 6155C3 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 applications that require high melt flow, more stiffness, faster cycle time, low bloom, enhanced processability, and excellent clarity. This product contains a new generation clarifier.

Features:

The 6155C3 product provides:

- Improved FDA food contact status
- Low bloom
- Reduced cycle-time
- Improved color
- Increased stiffness
- High melt flow, excellent processability

Typical Properties

Property	Units	Test Method
Melt Flow Rate	55 g/10 min.	ASTM D1238
Density at 23°C	0.901 g/cm ³	ISO 1183-1
Heat Deflection Temperature at 0.455 MPa (66psi)	78°C	ASTM D648
Heat Deflection Temperature at 0.455 MPa (66psi)	74°C	ISO 75-1
Tensile Yield Strength, at 50 mm/min	27.3 MPa	ISO 527
Tensile Strain at Yield, at 50 mm/min	12%	ISO 527
Flexural Modulus	1120 MPa	ISO 178
Notched Izod Impact Strength, at 23°C	53 J/m	ASTM D256
Charpy impact strength, at 23°C	5.3 kJ/m ²	ISO 179-1
Vicat	128 °C	ISO 306
% Yellowness Index	Less than -10	
Haze (1.27 mm plaque)	9%	

FDA, EU 10/2011/EC, and SDS documents are available on our website at: <https://pinnaclepolymers.com/documents-datasheets/regulatory-documents>

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