

R01A-00 Polypropylene Random Copolymer

Random copolymer R01A-00 is an antistatic polypropylene produced by a unique catalyst technology. It is designed for blow molding and extrusion applications and exhibits good stiffness and improved cycles. Product grade R01A-00 meets FDA requirements of 21CFR 177.1520.

Typical Properties¹

Resin	Value	Method
Density, g/cc	0.898	D1505
Melt-Flow Index, 2.16kg at 230°C, g/10 min	1.8	D1238
Tensile Strength		
at Yield, 2 in/min, psi (MPa)	4,100 (28.3)	D638
at Break, 2 in/min, psi (MPa)	2,700 (18.6)	D638
Elongation		
at Yield, 2 in/min, %	10	D638
at Break, 2 in/min, %	550	D638
Tensile Modulus		
Secant at 1% Strain, kpsi (MPa)	97 (669)	D638
Flexural Modulus		
1% Secant at 0.05 in/min, kpsi (MPa)	145 (1,000)	D790A
Notched-Izod Impact Strength		
at 23°C, ft-lb _f /in (J/m)	0.8 (43.0)	D256
Unnotched-Izod Impact Strength		
at 23°C, ft-lb _f /in (J/m)	>25 (>1,335)	
Hardness, Shore D	66	D2240

¹Typical properties will vary within specification limits.

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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an e-mail to: OPMSDS@innovene.com.

Health and Safety Information

The product described herein may require precautions in handling and use because of toxicity, flammability, or other consideration. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained by calling + 1-800-527-5419 (Toll Free - North America), or by sending an e-mail to: OPMSDS@innovene.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

The Material Safety Data Sheet for this product contains shipping descriptions and should be consulted, before transportation, as a reference in determining the proper shipping description. If the material shipped by Innovene is altered or modified, different shipping descriptions may apply and the MSDS of the original material should not be used.

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