

TIPPLEN® R 159 A

Polypropylene Random Copolymer

TVK Plc. (Tiszai Vegyi Kombinát)

Message:

TIPPLEN R 159 A is a random copolymer polypropylene for injection moulding applications. The product formulated with a nucleating agent and with a special optical additive. The products made of this grade shows excellent transparency and gloss. TIPPLEN R 159 A is suitable for replacement of PVC, PS and PET.

TIPPLEN R 159 A is recommended for injection moulding for the production of household articles, containers and packaging products. It is applicable for microwave oven usage.

TIPPLEN R 159 A is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Additive	Nucleating Agent Unspecified Additive 2		
Features	Food Contact Acceptable High Clarity High Gloss Nucleated Opticals Random Copolymer Recyclable Material		
Uses	Containers Household Goods Packaging		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	83		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1100	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	29.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	13	%	ISO 527-2
Flexural Modulus (Injection Molded)	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact Strength (23°C, Injection Molded)	5.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	83.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	185 to 230	°C	

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Recommended distributors for this material

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