

TIPPLEN® K 793

Polypropylene Impact Copolymer

MOL Petrochemicals Co. Ltd.

Message:

TIPPLEN K 793 is a high molecular weight impact copolymer polypropylene for extrusion. The grade offers excellent processability and impact strength. TIPPLEN K 793 is recommended for corrugated cardboards, corrugated pipes, sheets, films and blow moulded bottles. TIPPLEN K 793 is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Processability		
	High Molecular Weight		
	Impact Copolymer		
	Recyclable Material		
Uses	Blow Molding Applications		
	Bottles		
	Corrugated Pipe		
	Corrugated Sheet		
	Film		
	Sheet		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Extrusion Blow Molding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.70	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	76		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1350	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	30.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	10	%	ISO 527-2
Flexural Modulus (Injection Molded)	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A

-20°C, Injection Molded	7.0	kJ/m ²	
23°C, Injection Molded	55	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	88.0	°C	ISO 75-2/B
Extrusion	Nominal Value	Unit	
Melt Temperature	195 to 245	°C	

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Recommended distributors for this material

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