

TIPPLEN® K 199

Polypropylene Impact Copolymer

MOL Petrochemicals Co. Ltd.

Message:

TIPPLEN K 199 is a reactor impact copolymer polypropylene for injection moulding. The product offers high flow, good impact strength and low odour intensity.

TIPPLEN K 199 is recommended for household articles, thin-walled packaging containers, washing machine parts applications and automotive applications.

TIPPLEN K 199 is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	High Flow		
	Impact Copolymer		
	Low to No Odor		
	Recyclable Material		
Uses	Automotive Applications		
	Household Goods		
	Thin-walled Packaging		
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)	87		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1350	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	26.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	5.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-20°C, Injection Molded	4.0	kJ/m²	
23°C, Injection Molded	7.0	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 240	°C	

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Recommended distributors for this material

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