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Moplen EP439S

Polypropylene, Impact Copolymer

Product Description

Moplen EP439S is a polypropylene impact copolymer. With its high melt flow, high gloss, and superior balance of impact and stiffness properties, this product is especially suitable for injection molding. Typical end use applications include exterior parts for appliances.

Status Commercial: Active

Test Method used ASTM

Availability Asia-Pacific, Australia/NZ, Africa-Middle East

Processing Methods Injection Molding

Features Antistatic, Impact Copolymer, Fast Cycle (Production),

High Flow , High Gloss , Good Heat Aging Resistance , High Impact Resistance , Good Moldability , High Stiffness, Good Weather Resistance

Typical Customer Applications Cooling, Dishwashing, Opaque Containers, Washing

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	40	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1300	MPa
Tensile Strength @ Yield	ASTM D 638	27	MPa
Tensile Elongation @ Yield	ASTM D 638	6	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	64	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	106	°C

Notes

Typical properties; not to be construed as specifications.