



Moplen EP549T

Polypropylene, Impact Copolymer

Product Description

Moplen EP549T is high flow polypropylene impact copolymer. The grade has good balance of stiffness and impact strength. Potential end use applications include moulding of electrical appliance parts, thin wall food packagings and housewares.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	Antistatic, Impact Copolymer, High Flow , Good Impact Resistance , High Stiffness
Typical Customer Applications	Cooling, Dishwashing, Housewares, Opaque Containers, Washing

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	60	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1500	MPa
Tensile Strength @ Yield	ASTM D 638	26	MPa
Tensile Elongation @ Yield	ASTM D 638	3.5	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	40	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	115	°C

Notes

Typical properties; not to be construed as specifications.