



Moplen EP546T

Polypropylene, Impact Copolymer

Product Description

Moplen EP549T is high flow , high crystallinity polypropylene impact copolymer resin

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	Impact Copolymer, High Flow , Good Impact Resistance , Good Processability, High Stiffness
Typical Customer Applications	TWIM Food Containers, TWIM Non-food Containers

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	1550	MPa
Tensile Strength @ Yield	ASTM D 638	26	MPa
Tensile Elongation @ Yield	ASTM D 638	3.2	%
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.