

Hostacom 6551

Compounded Polyolefin

Product Description

Hostacom 6551 conventional melt flow, 1,300 MPa flexural modulus, precolored polypropylene homopolymer has a good combination of strength, stiffness, impact and heat resistance. It was designed for a variety of industrial and consumer applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Processing Methods	Injection Molding
Features	Good Chemical Resistance, Good Heat Aging Resistance , Medium Heat Resistance , Homopolymer, Good Impact Resistance , Good Processability, Good Stiffness , Medium Strength
Typical Customer Applications	Appliances, Hair Dryers, Shavers and Steam Irons, Other Industrial

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.94	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1300	MPa
Tensile Strength @ Yield	ASTM D 638	34	MPa
Tensile Strength @ Break	ASTM D 638	14	MPa
Tensile Elongation @ Yield	ASTM D 638	7	%
Tensile Elongation @ Brk	ASTM D 638	350	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	53	J/m
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	98	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	81	°C

Notes

Typical properties; not to be construed as specifications.

