



## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.94	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
<b>Mechanical</b>			
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	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	53	J/m
<b>Hardness</b>			
Rockwell Hardness (R-Scale)	ASTM D 785	98	
<b>Thermal</b>			
DTUL @66psi - Unannealed	ASTM D 648	81	°C