

Technical Data Sheet

*Adstif*HA1152



High Crystallinity Polypropylene

Product Description

*Adstif*HA1152 is a high crystallinity homopolymer designed for injection molding applications with high processability. It features extremely high stiffness, high flowability, high gloss.

*Adstif*HA1152 has been especially developed for the production of stiff injection moulded articles, where high rigidity is needed.

Typical applications of *Adstif*HA1152 would include packaging containers, housewares, appliances, technical parts.

Status	Commercial: Active
Availability	Africa-Middle East; Europe
Application	Housewares
Market	Automotive; Compounding
Processing Method	Injection Molding
Attribute	High Flow; High Gloss; High Rigidity; High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	2000	MPa	ISO 527-1, -2
Tensile Stress at Yield	40	MPa	ISO 527-1, -2
Tensile Strain at Break	15	%	ISO 527-1, -2
Tensile Strain at Yield	6	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	2	kJ/m ²	ISO 179
Hardness			
Ball Indentation Hardness	93	MPa	ISO 2039-1
Thermal			
Vicat Softening Temperature			
(A50)	158	°C	ISO 306
(B50)	104	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2