



Adstif EA640G Provisional Data Sheet

Polypropylene, Impact Copolymer

Product Description

Developmental Grade Adstif HA640G is a polypropylene impact copolymer manufactured using the Spheripol process. Potential applications include extrusion of corrugated board and rigid sheet. End uses for such applications may be found in industrial packing and advertising boxes

Product Characteristics

Test Method used	ASTM
Processing Methods	Extrusion Pipe Sheet and Semi Finished Products
Features	Impact Copolymer, Low Temperature Impact Resistance, Good Melt Strength , Good Processability, High Stiffness
Typical Customer Applications	Corrugated Sheet

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	1.3	g/10 min
<i>Note: ASTM D1238L</i>			
Mechanical			
Flexural Modulus	ASTM D 790	16000	kg/cm ²
Tensile Strength @ Yield	ASTM D 638	280	kg/cm ²
Tensile Elongation @ Yield	ASTM D 638	7	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	NB	kg-cm/cm
Hardness			
Rockwell Hardness (R Scale)	ASTM D 785	90	
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	110	°C