

# Adstif EA640G

Polypropylene Impact Copolymer  
LyondellBasell Industries

Message:

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

General Information			
Features	Good Melt Strength		
	Good Processability		
	High Stiffness		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Corrugated Sheet		
	Industrial Applications		
	Packaging		
Processing Method	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.3	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1570	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648

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