

# Adstif EA640G

Polypropylene Impact Copolymer  
LyondellBasell Industries

Message:

Adstif EA640G is the polypropylene block copolymer manufactured by PMC under the license of BASELL using the Spheripol process. Adstif EA640G is a block copolymer particularly suitable for corrugated board and corrugated plastic for industrial packing. Adstif EA640G resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

General Information			
Features	Block Copolymer		
	Rigidity, high		
	Impact resistance, high		
	Workability, good		
	Good melt strength		
	Low temperature impact resistance		
	Compliance of Food Exposure		
Uses	Packaging		
	Wave plate		
	Industrial application		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	Contact manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
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, Injection Molded)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	27.5	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	7.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1570	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	110	°C	ASTM D648

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

