

Adstif EA6052

Polypropylene Impact Copolymer
HMC Polymers

Message:

Developmental Grade-High stiffness Impact Copolymer Polypropylene for Thermoforming Applications

- Features
- Excellent cold impact resistance
 - High heat resistance
 - Microwavable
 - Low odor and tast transfer
 - Hot fillable, Sealable
- Applications
- Frozen to Microwavable Containers
 - Extrusion Blow molding Containers
 - Industrial sheet

General Information			
Features	Rigidity, high		
	Copolymer		
	Lower odor transfer		
	Lower taste transfer		
	Heat sealable		
	Low temperature impact resistance		
	Heat resistance, high		
Uses	Blow molding applications		
	Industrial application		
	Sheet		
	Container		
	Food container		
	Microwave cooker		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	180	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45
MPa, Unannealed)

115

°C

ASTM D648

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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

