

Moplen EP332K

Polypropylene Copolymer

PolyMirae

Message:

Moplen EP332K is a polypropylene impact copolymer. This grade is known for having an optimized balance of stiffness and toughness with good thermal ageing stability. Potential applications include injection molding of appliances housings, toys, crates and general housewares.

General Information			
UL YellowCard	E31765-100687820		
Features	Rigidity, high		
	Impact copolymer		
	Impact resistance, good		
	Good heat aging resistance		
	Good toughness		
Uses	Electrical appliances		
	Household goods		
	Application in Automobile Field		
	Container		
	Sporting goods		
	Toys		
	Loading box		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1130	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648

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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



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