Jampilen EP332L

Polypropylene Copolymer

Jam Polypropylene Company

Message:

Jampilen EP332L is a heterophasic polypropylene copolymer with a highly effective heat stabilization package designed for injection molded battery cases and technical items. The product offers an excellent balance of mechanical properties and processability and features an excellent longterm heat-stability. Articles molded with Jampilen EP332L offer a good balance of stiffness and toughness, good surface properties and a very high resistance to chemicals and crazing. Jampilen EP332L is largely used for automotive components. Battery cases, cooling water compensation reservoirs, brake fluid reservoirs, wash water reservoirs, dashboard supports, luggage compartment trims and door trim panels are typical applications. In the electro-technical industries, Jampilen EP332L is used for appliances, cables and wires (e.g. as slotted core element in fibre optic cables).
Jampilen EP332L is suitable for food contact.

General Information	
Additive	Heat Stabilizer
Features	Copolymer
	Crazing Resistant
	Food Contact Acceptable
	Good Chemical Resistance
	Good Heat Aging Resistance
	Good Processability
	Good Surface Finish
	Heat Stabilized
	High Impact Resistance
	High Stiffness
	Low Warpage
	Medium Flow
Uses	Appliances
	Automotive Applications
	Automotive Exterior Trim
	Automotive Interior Parts
	Battery Cases
	Wire & Cable Applications
Processing Method	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ASTM D785

Mechanical	Nominal Value	Unit	Test Method

Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	40	J/m	
23°C	100	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525 [1]
Accelerated Oven Ageing (150°C)	1800	hr	ASTM D3012
NOTE			
1.	Loading 1 (10 N)		

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

WECHAT