Jampilen EP340K

Polypropylene Copolymer

Jam Polypropylene Company

Message:

Jampilen EP340K is a nucleated heterophasic copolymer suitable for injection molding and thermoforming applications. Jampilen EP340K exhibits outstanding low temperature impact performance and good stiffness combined with good processability. Jampilen EP340K is designed for use in luggage, transport and cold storage crates, sports and leisure equipment, toys and typical consumer components which are subjected to impact and/or low temperature.

General Information	
Features	Copolymer
	Good Processability
	High Impact Resistance
	High Stiffness
	Low Temperature Impact Resistance
	Nucleated
Uses	Crates
	Luggage
	Sporting Goods
	Toys
Processing Method	Injection Molding
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Ball Indentation Hardness (H 358/30)	46.0	MPa	ISO 2039-1
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1100	MPa	ISO 527-2
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	> 50	%	
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/A
-20°C	7.0	kJ/m²	
0°C	33	kJ/m²	

23°C	66	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	140	°C	ISO 306/A50

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