

RANPELEN SEP-750

Polypropylene Terpolymer

Lotte Chemical Corporation

Message:

SEP-750 is random terpolymer polypropylene resin for expandable polypropylene (EPP) beads foam applications. This grade is designed to be processed in conventional mini pellet for wide range of EPP products. SEP-750 offers low steam pressure in the steam chest molding process and molded articles provides extremely good heat welding property, softness, elasticity and high impact resistance.

General Information			
UL YellowCard	E85371-251732		
Features	Good Stiffness		
	High Impact Resistance		
	Terpolymer		
Uses	Foam		
Processing Method	Foam Processing		
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)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.6	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	735	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	25	J/m	
23°C	98	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	115	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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