

Product Texts

SEP-750 is random terpolymer polypropylene resin for expandable polypropylene 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.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	20	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	640	MPa	ISO 178
ASTM Data			
Tensile Strength at Yield	22	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	740	MPa	ASTM D 790
Izod Impact notched, 1/8 in	98	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	25	J/m	ASTM D 256
Temperature	-10	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Vicat Temperature	115	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets

Applications

Building Construction

Special Characteristics

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific

Features

Acoustical Barrier Properties, Foamable, Weldable, Copolymer, Random Copolymer