

Starex VE-1890KX

High Impact Polystyrene

LOTTE ADVANCED MATERIALS CO., LTD.

Message:

Starex VE-1890KX is a high impact polystyrene product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Features include:
flame retardant/rated flame
Flame Retardant

General Information			
UL YellowCard	E115797-544031		
Features	Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Specific Gravity (Natural)	1.15	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	16	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ISO 527-2/50
Tensile Strength			
Yield ¹	19.6	MPa	ASTM D638
Yield	24.0	MPa	ISO 527-2/50
Fracture	22.0	MPa	ISO 527-2/50
Tensile Strain (Break)	35	%	ISO 527-2/50
Flexural Modulus			
-- ²	1670	MPa	ASTM D790
-- ³	1700	MPa	ISO 178
Flexural Strength			
-- ⁴	29.4	MPa	ASTM D790
-- ⁵	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ⁶ (23°C)	11	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 6.35 mm)	83	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	82.0	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (2.0 mm)	V-0		UL 94
NOTE			
1.	20 mm/min		
2.	2.8 mm/min		
3.	2.0 mm/min		
4.	2.8 mm/min		
5.	2.0 mm/min		

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