

Jackdaw PEBAX XF10VN6718

Polyether Block Amide

Jackdaw Polymers

Message:

Jackdaw PEBAX XF10VN6718 is a Polyether Block Amide (PEBA-Ether) product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.2	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	280	%	ASTM D638, ISO 527-2
Flexural Modulus	328	MPa	ASTM D790, ISO 178
Flexural Strength	20.0	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	26	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	66.0	°C	ASTM D648, ISO 75-2/B
Melting Temperature	159	°C	ISO 1218, ASTM D2117
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	39	kV/mm	ASTM D149, IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94

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