

ADDILENE PMD 50422

Polypropylene Copolymer

ADDIPLAST

Message:

ADDILENE PMD 50422 is a polypropylene copolymer (PP Copoly) material. This product is available in Africa and the Middle East, Latin America, Europe or Asia Pacific.

The main features of ADDILENE PMD 50422 are:

flame retardant/rated flame

Flame Retardant

Copolymer

Halogen-free

General Information			
Features	Copolymer		
	Halogen-free		
	Flame retardancy		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	5.00	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	72		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	22.0	MPa	ISO 527-2
Fracture	18.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	50	kJ/m²	ISO 179/1eU
Notched Izod Impact	4.0	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	66.0	°C	ISO 75-2/Af
Vicat Softening Temperature	152	°C	ISO 306/A50
Ball Indentation Temperature	130	°C	IEC 60335-1
Melting Temperature (DSC)	167	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method

Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13
Oxygen Index	32	%	ISO 4589-2

Additional Information

Specimens are conditioned according to ISO 291.

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