LNP™ THERMOCOMP™ COMPOUND M10006P

DESCRIPTION

LNP THERMOCOMP* M10006P compound is based on Polypropylene (PP) resin containing non-halogenated Flame retardant suitable for use in composites and extrusion.

GENERAL INFORMATION	
Applications	Chemical & industrial systems
Features	Flame Retardant, Good Processability, No PFAS intentionally added
Fillers	Unreinforced
Polymer Types	Polypropylene, Unspecified (PP, Unspecified)
Processing Techniques	Impregnation (composites), Extrusion

INDUSTRY	SUB INDUSTRY
Industrial	Industrial General

TYPICAL PROPERTY VALUES

Revision 20260323

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield, 50 mm/min	24	MPa	ISO 527
Tensile Strain, yield, 50 mm/min	3.7	%	ISO 527
Tensile Modulus, 1 mm/min	2060	MPa	ISO 527
Flexural Strength, 2 mm/min	40	MPa	ISO 178
Flexural Modulus, 2 mm/min	1830	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	18	kJ/m²	ISO 180/1U
PHYSICAL			
Melt Volume Rate			
@ 230°C/2.16 kg	70	cm³/10 min	ISO 1133
EXTRUSION			
Drying Temperature	80	°C	
Drying Time	2 – 4	Hrs	
Barrel - Zone 1 Temperature	200 – 250	°C	
Melt Temperature	230 – 300	°C	

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