

LNPT[™] 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

Industrial

SUB INDUSTRY

Industrial General

TYPICAL PROPERTY VALUES

Revision 20231109

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/m ²	ISO 180/1U
PHYSICAL			
Melt Volume Rate, MVR at 230°C/2.16 kg	70	cm ³ /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	

ADDITIONAL PRODUCT NOTES

No PFAS intentionally added: The grade listed in this document does not contain PFAS intentionally added during Seller's manufacturing process and is not expected to contain unintentional PFAS impurities. Each user is responsible for evaluating the presence of unintentional PFAS impurities.



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