



TECHNICAL INFORMATION

Date : 15/09/2021

Ver: 0024_1

Product Name: LS-V90

THERMOPLASTIC COMPOUND DEVELOPED FOR NON-STICK FILLER APPLICATION

PROPERTY	UNIT	TEST METHOD	VALUE
Density	g/cm ³	ISO 1183 A	1.80 (± 0.03)
Density Bulk	g/cm ³	ISO 787-10	1,15
Hardness at 15Sec.	Shore A	EN ISO 868	80 (± 0.03)
MFI (175°C / 5 kg)	g/10 min	ISO 1133	7 (± 0.02)
Max.operating temperature the material can withstand	C°		80
low temperature bend test temperature at which specimen shall not crack	C°		-25
A loss of mass	gr	(80°C - 168h)	0,8
Moisture content ,ex works	%	ISO 787	max. 0,2 %
Oxygen Index LOI	%	ISO4589	N/A
Halogen Content	%	CEI 60754-1	Abs
Halogen acid gas evolution Corrosivity of gases	%	IEC 60754-1	Abs
Hot pressure test at 80°C	%	IEC 60811	Min.50%
Tensile Strength	M Pa (Min)	ASTM D 412	N / A
Elongation at Break	% (Min)	ASTM D 412	134
Variation after loss of mass	%	(80°C - 168h)	20%
Contamination at 100°C/ 168H	%	LYS METHODE	Abs.

Application temperature : HOPPER :110°C - 115°C, METERING: 120°C - 130°C HEAD : 130°C -140°C

Color : NATURAL

Packing : 1000KG-1500KG IN BIG BAGS DOUBLE LAYER , ON REQUEST KG

max storage life : 12 MONTHS IN CLOSED PACKAGING

The values, description and figures contained herein are provided to customers as a general information for the purposes the product is intended for.

The physical and electrical properties are highly dependent on the manufacturing conditions. So customers should confirm performances by their own tests

By the information contained herein LYS POLYCHEM won't release any warranty and /or give any suggestion on the use of the product, or grant any franchise on existing patents. The and-user , transformer shall always check the specific suitability of the product for the purposes it is intended for and its compatibility with process specifications. This document does not form part of any contract whit customer.