Nylene® 7232 HS MS WPP848 BK

TECHNICAL DATASHEET

TDS Ref # 858 Reviewed: 5/26/2015

DESCRIPTION

• Nylene 7232 HS MS WPP848 BK is a black, heat-stabilized, lubricated (molybdenum disulfide), 32% glass fiber-reinforced nylon 6 with excellent molding characteristics and very good physical properties.

PROPERTIES	TEST METHOD	UNIT	VALUE
PHYSICAL PROPERTIES			
Specific Gravity	D792	n/a	1.4
MECHANICAL PROPERTIES			
Elongation @ Break	D638	[%]	4
Flexural Modulus	D790	psi (MPa)	690,000 (4760)
Notched Izod @ 23°C	D256	ftlbf/in (J/m)	1.26 (67)
Tensile Modulus	D638	psi (MPa)	807,000 (5560)
Tensile Strength	D638	psi (MPa)	11,500 (79)
THERMAL PROPERTIES			
Melt Point	D3418	°F (°C)	431 (222)

NOTES

• Testing conducted on dry-as-molded specimens at 73°F (22.8°C)

CHARACTERISTICS

Resin Type: Nylon 6

Product Characteristics:

Glass Reinforced, Molybdenum Disulphide Lubricated, Heat Stabilized, Heat Stabilized

INJECTION MOLDING PROCESSING

Prime Grade

APPROVALS

• FMVSS 302: 1.49 in/min (38 mm/min)

AUTOMOTIVE SPECIFICATION

- GM7001M PA (A22, A42, A43, A47, A64)
- GM7001M PA (BB612, BJ620, BN501)
- GM7001M PA (K650)
- GM7001M PA (M270)
- GM7001M PA (R35)

DISCLAIMER

The data set forth herein has been carefully compiled by Nylene in our laboratories. Values shown are typical properties and not specifications. Since processing variables will affect properties, the reproducibility of our data in a customer's testing facility is not guaranteed. There is no warranty of any kind, either expressed or implied, applicable to the use of this information, and the user assumes all risk and liability in connection therewith.

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