Nylene® PAC990-55

TECHNICAL DATASHEET

TDS Ref # 927 Reviewed: 4/20/2017

DESCRIPTION

- Lower melt point compared to nylon 6 = lower processing temperatures
- Improved ductility
- Better impact
- Lower crystallinity material can produce near clear parts at less than 1.5 mm thickness

PROPERTIES	TEST METHOD	UNIT	VALUE
PHYSICAL PROPERTIES			
Relative Viscosity	D789	Formic Acid	55
Specific Gravity	D792	n/a	1.11
Water Absorption	D570	%	1.6
MECHANICAL PROPERTIES			
Elongation	D638	%	250
Flexural Modulus	D790	MPa	2,200
Notched Izod	D256	J/m (ft. Lb./ in.)	60 (1.1)
Tensile @ Yield	D638	Mpa	65
THERMAL PROPERTIES			
Melt Point	D3418	°F (°C)	374 (190)

NOTES

- Testing conducted on dry-as-molded specimens at 73 °F.

PROCESSING CONSIDERATIONS: PA 6/69 UNREINFORCED

Please contact for processing information on this product.

CHARACTERISTICS

Resin Type: Nylon 6/69

Product Characteristics:

Unreinforced, Impact Modified, High Ductility, Grey

INJECTION MOLDING PROCESSING

Specialty Grade

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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