

Material Identification

N24

PA6

high impact and heat stabilized
halogen free
several colors available

Properties	Values	Unit	Test Conditions	
General				
Density	1.07 - 1.10	g/cm ³	23 °C	ASTM D792
Mechanical				
Flexural modulus	1179	MPa	-	ISO 527-1/-2
Tensile strength at break	38	MPa	-	ISO 527-1/-2
Tensile strain at break	> 125	%	-	ISO 527-1/-2
Thermal				
Melting temperature	> 216	°C	10 °C/min	ISO 11357
Temperature of Heat Deflection	39	°C	1.8 MPa	ISO 75
Product specifications¹⁾				
Service temperature	-40	°C	24 h	-
	125	°C	3000 h	-
Peak temperature	150	°C	168 h	-
Flammability	< 100	mm/min	-	FMVSS 302
	HB	class	1 mm	UL 94

1) product related - corrugated tube

The stated values fall within the normal range of properties of the base polymer out of the mixed composition unless otherwise noted. They should not be used for setting specific limits or used as a basis for design as the properties are extensively affected by the tool design and processing conditions. Users of this product are responsible for evaluating this product to ensure their own satisfaction that it is suitable for their intended uses. All information is given without warranty or guarantee. Before working with this product, users must read and familiarize themselves with the available health, safety and environmental information that is available regarding product hazards, proper use and handling.

This material is designed to meet:

ASTM D6779 0272 KN007
 ASTM D4066 PA0283
 ASTM D4066 PA0284 UM022
 Chrysler MS-DB41 CPN3788 CPN4036
 GM GM7001M PA6 (DE1070, G20, KS280, LS030, MS050) & GMP.PA6.003