

Material Identification

NC7

 Heat Stabilized
 High Impact
 Various colors

ASTM D4066 PA0283

ASTM D4000 PA0261 B 29510 UB 005

GMP.PA6.003 (Stress at Yield after heat aging 1000h = 102%)

GM7001MPA (A3, A42, A62, DA1070, DB1100, G25, L2000, K330, M38, SA119)

Properties	Value	Unit	Test Conditions	
General				
Density ¹⁾	1.06	g/cm ³	23 °C	ISO 1183
Mechanical				
Tensile Stress at Break	40	MPa	---	ISO 527-1/-2
Tensile Strain at Break	217	%	---	ISO 527-1/-2
Flexural Modulus	551	MPa	---	ISO 527-1/-2
Thermal				
Melting Temperature DSC	220	°C	10 °C/min	ISO 11357
Temperature of Heat Deflection	120	°C	0.45 MPa	ISO 75
Flammability				
Flammability Classification	HB	Class	3 mm	UL94 ²⁾
Burning rate	60	mm/min	---	FMVSS 302 ¹⁾
Product specifications ¹⁾				
Service temperature	-40	°C	---	-
	125	°C	3000h	-
Peak temperature	150	°C	168h	-

1) product related - corrugated tube

2) similar to

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.