



TECHNICAL DATA SHEET

GA-1075A-US BLK

(Thermo Plastic Vulcanizate)

General Characteristics

Description : GA-1075A-US BLK is a Thermoplastic Vulcanized compound.

Feature : Low compression set and ease of processing.

Application : General purpose extrusion.

Available Color(s) : Black only.

Technical Information

PHYSICAL	Typical Value ¹	Unit	
Form		Pellet	
Specific Gravity (± 0.03)	0.96		ISO 1183
Hardness (Shore 'A', ± 5 , 15 sec)	75		ISO 868
MECHANICAL			
Using 0.075" Test Specimens ²			
Tensile Strength	8.2 MPa		ISO 37
100% Modulus	3.6 MPa		ISO 37
Ultimate Elongation	400 %		ISO 37
Compression set			
after 22 hours at 70 °C (158°F)	33 %		
after 22 hours at 120 °C (248°C)	40 %		ISO 815
after 72 hours at 120 °C (248°C)	53 %		
Thermal			
Brittleness	Less than -60 °C (-76°F)		ISO 974
Aging			
Volume Swell (120°C, (248°F) 24 hr, in IRM 903 Oil)	77 %		ISO 1817
PROCESSING			
Method	Extrusion		ISO 1133
Recommended Melt Temperature	425 °F		
REGULATORY			
N/A			



IMPORTANT: These suggestions and data are based on information we believe to be reliable. They are offered in good faith without guarantee or warranty, as conditions and methods of use of our products are beyond our control. We strongly urge that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. User assumes all risks and liabilities in connection with use of this product.