

Armamid PA6 GF 35-2

A 35% glass fiber, thermostabilized polyamide 6. This material displays high mechanical and electrical properties; resilient to hydrocarbons (kerosene, gasoline, benzene etc.), mineral and synthetic oils, strong and weak alkali, weak acids. Designed for injection moulding of items and parts for a wide solutions range: construction, electronics, auto industry, machine engineering, household, rail transportation etc.

Properties	Test method	Unit	Typical value
MISCELLANEOUS			
Density	ISO 1183	kg/m ³	1410
Tensile Strength	ISO 527-1	MPa	200
Strain at Break	ISO 527-1	%	5
Flexural modulus	ISO 178	MPa	10 000
Charpy Impact Strength at +23°C (un-notched)	ISO 179-1	kJ/m ²	75
Charpy Impact Strength at +23°C (notched)	ISO 179-1	kJ/m ²	15
THERMAL			
Melting Point	ISO 3146	°C	218
PROCESSING			
Moulding Shrinkage, parallel	ISO 294-4	%	0,2-0,3
Moulding Shrinkage, normal	ISO 294-4	%	0,6-0,8
Melt Temperature	ISO 1133	°C	260±10
Mold Temperature	ISO 1133	°C	80±10

Comment:

*All processing parameters as well as information on shrinkage specimen should be requested from the manufacturer.
If stored in a dry warehouse – dehydration not required*

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