

Description

Polyamide 66, 20% Glass fiber reinforced, Impact modified for injection molding.

Applications

TECHNYL® 2417IG4 is used in all sectors of industries, offering good mechanical strength, impact strength for injection molding.

This grade is widely used for

- Distributor pipe

This product is available in natural color and in colors on request.

Processing

The material is supplied in airtight bags, ready for use. In the case that the virgin material has absorbed moisture, it must be dried to a final moisture content less than 0.2% with a dehumidified air drying equipment at 80~100°C

Recommended moulding conditions :

-Barrel temperatures :	- feed zone	260-265°C
	- compression zone	265-275°C
	- front zone	275-285°C
-Mould temperatures		80-100°C

For more detailed information, please refer to the technical sheet " Injection moulding ".

Safety

Please consult the Safety Data Sheet for TECHNYL® 2417IG4.

TECHNYL[®] 2417IG4

* This vaules of properties for natural color grade

Properties	Standards	Unit	Values	
			d.a.m*.	Cond.**
Physical				
Specific Gravity	ASTM D792	-	1.23	-
Mould Shrinkage (Parallel)	RHODIA-EP	%	0.7~1.0	-
Mould Shrinkage (Perpendicular)	RHODIA-EP	%	0.9~1.2	-
Mechanical				
Tensile stress at yield	ASTM -638	MPa	140	-
Tensile strain at break	ASTM D638	%	4	-
Flexural strength	ASTM D790	MPa	200	-
Flexural Modulus	ASTM D790	MPa	7500	-
Izod notched impact strength	ASTM D256	J/m	180	-
Flamability				
Flammability UL94 (thickness=3.2 mm)	ISO1210/UL94	-	HB	-
Thermal				
Melt Temperature	ISO 11357	°C	262	-
Heat Deflection Temperature, 1.8 MPa	ASTM D648	°C	250	-
Electrical				
Comparative tracking index sol. A	ISC 60112	Volt	-	-
Special				

Identification code: >PA66-GF20<

The information contained in this document is given in good faith based on our current knowledge. Except for the technical specifications above, it is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. This information must on no account be used as a substitutive for necessary prior tests which alone can ensure that a product is suitable for a given use.

ANY WARRANTY OF PRODUCT PERFORMANCE, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS EXPRESSLY EXCLUDED.

Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of this document, and Rhodia is at their disposal to supply any additional information.

* d.a.m = Dry As Moulded.

** Cond. = conditioned according ISO 1110.