

Description

Polyamide 66, reinforced with 63% of glass fiber for injection molding

Applications

TECHNYL® 2912GMH7-P is used in all sectors of industry, offering excellent combination between mechanical properties and surface aspect.

This grade is widely used for

- Automotive part: Outside mirror base plate

This product is available in black 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 approx.80°C

Recommended moulding conditions :

-Barrel temperatures :	- feed zone	260-265°C
	- compression zone	265-275°C
	- front zone	280-290°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® 2912GMH7-P.



Chemistry is our world, Responsibility is our way

RHODIA POLYAMIDE Co., LTD.

3rd F/L, Kangnam Bldg., 1321-1, Seocho-Dong, Seocho-Gu, Seoul, 131-070 KOREA T: +82 2 21 86 25 00 F: +82 2 34 74 73 63

TECHNYL[®] 2912GMH7-P

* This vaules of properties for natural color grade

Properties	Standards	Unit	Values	
			d.a.m*.	Cond.**
Physical				
Specific Gravity	ASTM D792	-	1.72	-
Mould Shrinkage (Parallel)	RHODIA-EP	%	0.25	-
Mould Shrinkage (Perpendicular)	RHODIA-EP	%	0.45	-
Mechanical				
Tensile stress at yield	ASTM D638	MPa	215	-
Tensile strain at break	ASTM D638	%	1.5	-
Flexural strength	ASTM D790	MPa	310	-
Flexural Modulus	ASTM D790	MPa	17000	-
Izod notched impact strength	ASTM D256	J/m	215	-
Flamability				
Flammability (thickness=3.2mm)	UL 94	-	HB	-
Thermal				
Melt Temperature	ISO 11357	°C	262	-
Heat Deflection Temperature, 1.8 MPa	ASTM D-648	°C	220	-
Special				

Identification code: >PA66-GF63<

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.



Chemistry is our world, Responsibility is our way

RHODIA POLYAMIDE Co., LTD.

3rd F/L, Kangnam Bldg., 1321-1, Seocho-Dong, Seocho-Gu, Seoul, 131-070 KOREA T: +82 2 21 86 25 00 F: +82 2 34 74 73 63