

Description

Polyamide 66, unfilled, long-term heat stabilized, lubricated for injection molding..

Applications

TECHNYL® 2210HS is used in all sectors of industry, offering an excellent long-term heat stability & productivity.

This grade is used for

- Connector, Pin of automobile, Power steering reservoir tank, Switch, Canister, Fuel filler tube

This product is available in Black color.

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	260-270°C
	- compression zone	270-275°C
	- front zone	275-285°C

-Mould temperatures	60-80 °C
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For more detailed information, please refer to the technical sheet " Injection moulding ".

Safety

Please consult the Safety Data Sheet for TECHNYL® 2210HS.

TECHNYL[®] 2210HS

* This vaules of properties for black color grade

Properties	Standards	Unit	Values	
			d.a.m*.	Cond.**
Physical				
Specific Gravity	ASTM D-792	-	1.54	-
Mould Shrinkage (Parallel)	RHODIA-EP	%	1.5~2.0	-
Mould Shrinkage (Perpendicular)	RHODIA-EP	%	1.8~2.2	-
Mechanical				
Tensile stress at yield	ASTM D-638	MPa	80	-
Tensile strain at break	ASTM D-638	%	25	-
Flexural strength	ASTM D-790	MPa	110	-
Flexural Modulus	ASTM D-790	MPa	3200	-
Izod notched impact strength	ASTM D-256	J/m	160	-
Flamability				
Flammability (0.8~3.2mm)	UL 94	°C	V-2	-
Thermal				
Melt Temperature	ISO 11357	°C	262	-
Heat Deflection Temperature, 1.8 MPa	ASTM D-648	°C	75	-
Electrical				
Comparative tracking index sol. A	IEC 60112	Volt	-	-

Identification code: > PA66 <

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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.



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