

TECHNICAL DATA SHEET

TECHNYL C 316L2 GY 7527

DOMAMID 6MVUV2 303 GY77527

Polyamide 6, UV stabilized, medium viscosity, for injection moulding, grey

General

Polymer type	PA6		
Feature	medium viscosity not heat stabilized		UV stabilized

Product identification

ISO 1043 abbreviation	PA6		
ISO 16396 designation	PA6,ML1,S18-030		

Condition	Standard	Unit	Value
-----------	----------	------	-------

Physical properties

Humidity absorption	T=23°C, 50% RH	ISO 62	%	2.8 - 3.2
Water absorption, saturation			%	9.0

Condition	Standard	Unit	Value
-----------	----------	------	-------

Burning behaviour

Burning rate, FMVSS, Thickness 1 mm		FMVSS 302		<100 mm/min
-------------------------------------	--	-----------	--	-------------

Injection notes

The material is supplied in airtight bags, ready for use.,In case that the virgin material has absorbed moisture, it must be dried with a dehumidified air drying equipment, dew point minimum -20°C.,Recommended time 2-4h.

Injection advice

For unfilled polyamides, Domo recommends the use of high alloy steel with a low chromium content. For example: X38CrMoV5-1 (EN Norm) - 1.2367 /1.2343 (DIN Norm). In the case of high requirements on surface quality a mould temperature of up to 120°C can be considered.,The processing parameters like processing temperatures are a recommendation and can be adjusted in function of injection machine size, part geometry / design.