


Technyl® A 258 P1 Black 2N

PA66

Solvay Engineering Plastics

Product Texts
Unreinforced and modified polyamide 66, 66 and thermal stabilized with excellent impact resistance, for injection moulding.
TECHNYL® A 258P1 BLACK 2N offers excellent impact resistance properties at ambient and low temperature and special low rigidity.

This grade is commonly used for fasteners, cable ties and dowels.

This product is available in black.

Mechanical properties	dry / cond	Unit	Test Standard
-----------------------	------------	------	---------------

ISO Data

Tensile Modulus	1180 / -	MPa	ISO 527-1/-2
Stress at break	44 / -	MPa	ISO 527-1/-2
Strain at break	50 / -	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	90.5 / -	kJ/m²	ISO 179/1eA
Charpy notched impact strength, -30°C	11.7 / -	kJ/m²	ISO 179/1eA

Other properties	dry / cond	Unit	Test Standard
------------------	------------	------	---------------

ISO Data

Density	1070 / -	kg/m³	ISO 1183
---------	----------	-------	----------

Test specimen production	Value	Unit	Test Standard
--------------------------	-------	------	---------------

ISO Data

Injection Molding, mold temperature	50	°C	ISO 10724
-------------------------------------	----	----	-----------

Characteristics
Processing

Injection Molding

Other text information
Injection Molding
The material is supplied in weight bags, ready for use. In the case that the origin 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 275-280 °C

-Mould temperatures: 50°C