

Seculene® PPU 8027 S0

SECULENE PPU 8027 S0 is a high-impact polypropylene copolymer specially for injection moulding. Typical applications are automotive parts as wheel arch liner, stone protection and tool boxes.

Properties	Standard	Parameter	Unit	Value
General				
Density	DIN ISO 1183		g/cm ³	0,94
Melt volume Index MVR*	DIN ISO 1133		cm ³ /10 min	10 - 15
Ash Content*	DIN ISO 3451		%	<7,5
Mechanical				
Tensile Stress at Yield	DIN ISO 527	50 mm/min	MPa	20
Elongation at Yield	DIN ISO 527	50 mm/min	%	10
Elongation at Break	DIN ISO 527	50 mm/min	%	>20
Flex Modulus	DIN ISO 178	1 mm/min	MPa	1000
Impact, notched	DIN ISO 179/eA	23 °C	kJ/m ²	10
Hardness Shore D	DIN ISO 868	-	-	60
Thermal				
Heat Aging	-	150 °C	h	>400
Softening Temperature Vicat B	DIN ISO 306		°C	-
Heat Deflection Temp. HDT B	DIN ISO 75		°C	78

* specified properties

Processing	Parameter
Drying	2 - 4 h / 80 °C
Injection Temperature	240 – 270 °C
Tool Temperature	30 – 60 °C

All values indicated in this product information sheet are to be understood as guide values. They are subject to influences caused by processing and environmental conditions, modifications and raw material additions. Proper tests and tryouts are still needful. Processing conditions considerably affect the values, consequently, a check of material while using finished parts is essential.

Values were prepared basing on current experiences and knowledge. A legal and binding assurance of certain features or qualification for a concrete application cannot be deviated from our indications. We reserve the right to change material features upon corresponding announcement.

This data sheet is a business secret. A disclosure to third parties is – with the exception of processing companies – forbidden.

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