

Plastiverd SHAPE

Tech Polymer

March 2022, Version 01

PLASTIVERD SHAPE is a copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. The resin has been specially designed for injection processes. The product offers excellent flow characteristic in the mould. It is suitable for applications where mechanical properties, gloss and transparency are needed. Display profiles for purchasing points, vacuum blood tubes and pharmaceutical test tubes are its main market applications.

SPECIFICATIONS			
Property	Unit	Value	Test Method
Intrinsic Viscosity	dL/gr	0'59 ± 0'02	LQ-M-001
Colour L	-	≥ 80	ASTM 6290
Colour b*	-	(-4) ± (+1'5)	ASTM 6290

TYPICAL PROPERTIES			
Property	Unit	Value	Test Method
Specific Density Crystalline	g·cm ⁻³	> 1'37	-
Moisture	%	≤ 0'20	-
Bulk Density	Kg·m ⁻³	840	-
Weight of 20 chips	mg	320	-
Melting Point	°C	240-250	-
Typical Moulding Temperature	°C	270-290	-
Drying Conditions - Temperature	°C	155-165	-
Drying Conditions - Time	h	5-6	-

All proper are measured under laboratory conditions by the analytical method shown. Method LQ-M-001 is based on ISO 1628. Different methods or conditions of analysis may give different values. Purchased material will be accompanied by Certificate or Analysis, with representative average values of specified properties.

Food Contact Statement: PLASTIVERD SHAPE complies with the composition of requirements of the Regulation (EC) No 10/2011 and the EU directive on Packaging Waste (94/62/EC) and its amendments. For more information, contact your local Plastiverd representative.

For queries or further information relating to this statement summary document please contact with Customer Service

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