

Plastiverd HOT

Tech Polymer

March 2022, Version 01

PLASTIVERD HOT is a homopolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. It is recommended for the packaging of products that require a high temperature during cooking, for instance dual ovenable trays for ready meals. It has a high crystallization speed and mechanical strength. Trays made with PLASTIVERD HOT plus nucleating additives can resist up to 220°C in conventional ovens and microwaves. This thermal resistance allows trays to be taken directly from the freezer and heated in a microwave oven.

SPECIFICATIONS			
Property	Unit	Value	Test Method
Intrinsic Viscosity	dL/gr	0'96 ± 0'02	LQ-M-001
Colour L	-	≥ 85	ASTM 6290
Colour b*	-	≤ 0	ASTM 6290
Acetaldehyde	ppm	≤ 1	LQ-M-004

TYPICAL PROPERTIES			
Property	Unit	Value	Test Method
Specific Density Crystalline	g·cm ⁻³	> 1'40	-
Moisture	%	≤ 0'20	-
Bulk Density	Kg·m ⁻³	840	-
Weight of 20 chips	mg	320	-
Melting Point	°C	245-255	-
Typical Moulding Temperature	°C	280-290	-
Drying Conditions - Temperature	°C	165-175	-
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 and LQ-M-004 is based on ASTM F2013.

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 HOT 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

sac@plastiverd.com