

# Plastiverd HF

## Tech Polymer

March 2022, Version 01

PLASTIVERD HF is copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. This resin is particularly suitable for use in the manufacture of hot fill/heat set containers. It has a high molecular weight giving it excellent mechanical properties, outstanding appearance and has been specially formulated to give glass leading blow moulding processability due to its unique capabilities. PLASTIVERD HF is appropriate for the packaging of juices, sauces, beers and baby foods, where pasteurization processes are used.

SPECIFICATIONS			
Property	Unit	Value	Test Method
Intrinsic Viscosity	dL/gr	0'86 ± 0'02	LQ-M-001
Colour L	-	≥ 78	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 <sup>-3</sup>	> 1'39	-
Moisture	%	≤ 0'20	-
Bulk Density	Kg·m <sup>-3</sup>	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 HF 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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