



Technical Data Sheet

Recycled High Density Polyethylene (rHDPE)

Product Name	HDPE Honest r100		
Form	Natural Pellet, Spheroid Shaped		
Application	Food and Beverages Packaging		
End Use	Injection, Blow Moulding, Compounding and Sheet Extrusion		
Food Grade	Comply withFDA 21 CFR 177.1520 when used in accordance with the FDA application guidelines and is suitable only for all food types (US FDA Table 1)		
DATA SHEET			
PROPERTY	TEST METHOD	TYPICAL VALUES	UNIT
Melt Flow Index	ASTM 1238 (2.16kg/190 C)	0.30-0.50	g/10min
Density	ASTM D792	0.962 - 0.965	g/cm3
Tensile Strength at Yield	ASTM D638	29-33	MPa
Elongation at Yield	ASTM D638	8-10	%
Pellet Size	Diameter	3.0 - 4.9	mm
Bulk Density	ASTM D1895	580-640	g/l
Pellet Size	Diameter	3-5	mm