

HDPE 5218

Technical Datasheet

1) Product Description:

HD5218UA is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for thin wall injection moulding applications. HD5218UA has the following characteristics:

high warpage resistance, high flow, fast cycling injection moulding, uv stabilised. This grade has food contact approval.

2) Applications:

general purpose injection moulding with outdoor & indoor applications.

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Index (2.16kg)	ASTM D1238	g/10min	18
Density	ASTM D1505	gr/cm ³	0.952
Yellow Index	ASTM E313	-	-1
Whiteness Index	ASTM E313	-	60
Contamination	BP 137	NO.	5
Vicat Softening Point	ASTM D1525	°C	115
Tensile Stress at yield	ASTM D638	MPa	20
Elongation at break	ASTM D638	%	900
Charpy impact	ASTM D6110	KJ/m ²	3

* Typical values not to be construed as specifications.