

HDPE

MATERIAL TECHNICAL DATA SHEET

Description

High molecular weight extrusion blow moulding grade of High Density Polyethylene with extremely good ESCR.

Application

Used for the production of small to medium blown containers and for the production of sheet and thermoformed containers. Suitability for use in any application should be determined by appropriate performance testing.

Specifications

Suitable for food contact applications and conforms to the requirements of the United States Food and Drug Administration CFR 21 177.1520, paragraph (c) item 3.1.

Safety

Material Safety Data Sheets are available.

Physical Properties (Typical)

Property	Test Method	Value	Units
Melt Index	ASTM D1238 @190°C, 5kg	0.6	g/10min
Density	ASTM D792	0.949	g/cm ³
Yield Tensile Strength	ASTM D638	28	N/mm ²
Flexural Modulus	ASTM D790	1000	N/mm ²
Izod Impact Strength @ 30°C	ASTM D256 Method A	290	J/m
ESCR	ASTM D1693B	2000	Hours

Typical properties not to be construed as specifications. Batch Certificates are available upon request.