

High Density Polyethylene



TR430

Description

Characteristics	▪ Good Processabilities ▪ High Stiffness ▪ Excellent Impact Strength
Applications	▪ Sewage Pipe
Processing Recommendation	Processing Temperature 190~ 220°C
Specification data	Complies with FDA 21 CFR 177. 1520

Physical Properties

Resin Properties	Unit	Test Method	TR430
Density	g/cm ³	ASTM D1505	0.955
Melt Index (190°C, 2.16kg)	g/10min	ASTM D1238	0.14
Vicat Softening Point	°C	ASTM D1525	130
Melting Temperature	°C	ASTM D3418	134
Additives	-	-	AO
Sheet Properties	Unit	Test Method	TR430
Tensile Strength at Break	kg/cm ²	ASTM D638	400
Elongation at Break	%	ASTM D638	> 600
Flexural Modulus	kg/cm ²	ASTM D790	Non Break
Izod Impact Strength (Notch, -30°C)	kg-cm/cm	ASTM D256	10,000
OIT(200°C, Al Pan)	min	ASTM D 3895	>40

1. Physical properties reported herein were determined on compression molded specimens prepared in accordance with ASTM D4703
2. Additives : AO(Antioxidant)
3. These are typical properties only and are not to be construed as specifications.

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