Qenos PE HD115

High Density (HMW) Polyethylene

Qenos Pty Ltd

Message:

HD1155 is a very high molecular weight High Density Polyethylene copolymer resin, especially formulated for use in large part mouldings where strength and rigidity are of importance. It combines excellent impact strength with extremely high ESCR.

HD1155 is especially suited for blow moulding self-supporting drums and tanks, size range 25 - 220 litres. Including automotive and marine fuel tanks, and industrial containers. HD1155 is also suitable for Dangerous Goods (DG) applications - depending on the design of the container, the goods to be stored and the DG grouping. Suitability for use in any application should be determined by appropriate performance testing.

HD1155 is 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.

Features Copolymer Food Contact Acceptable Good Impact Resistance Good Strength High SSC (Stress Crack Resist) High SSC (Stress Crack Resist) High SSC (Stress Crack Resist) High Molecular Weight High SSC (Stress Crack Resist) Weilum Rigidity High SSC (Stress Crack Resist) Uses Autonotive Applications File Tanks File Tanks Industrial Applications High SSC (Stress Crack Resist) Very Ratings FOA 21 CFR 17.1520(2 3.11 Forms Pollets Forms Pollets Proteosing Method Biow Molding Proteosing Nethod Sond Nations Input and Value Qinamina Input Class Floor Keit(MFR) Internet Input Stress Floor Rate (MFR) Qind Nations Input Stress Floor Rate (MFR) Qind Nati Input Stress Floor	General Information				
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Tensile Modulus - Secant 600 MPa ASTM D638					
Tensile Strength ASTM D638		600	MPa		
	Tensile Strength			ASTM D638	

Yield	25.0	MPa	
Break	26.0	MPa	
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	920	MPa	ASTM D790

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