

Kemcor HD 120R

High Density Polyethylene

Qenos Pty Ltd

Message:

This material is a HDPE recycled from post consumer waste including dairy, juice and cream bottles.

General Information	
Recycled Content	Yes
Features	Recyclable Material
Uses	Piping
	Profiles
Forms	Pellets
Processing Method	Extrusion
	Injection Molding
	Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.961	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	700	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	29.0	MPa	
Break	16.0	MPa	
Tensile Elongation (Break)	400	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	165 to 175	°C	
Screw Speed	50 to 55	rpm	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT