



Technical Data Sheet

Grade

MWR LDPE 6110

Product Description:

Low Density Polyethylene Extrusion Grade

Physical Properties	Method	English	SI
Specific Gravity	D 792	-	0.920
Melt Flow Rate (190/2.16)	D 1238	-	2.0 g/10 minutes
Linear Mold Shrinkage (Typical)	D 955	0.020 in/in	0.020 mm/mm

Mechanical Properties	Method	English	SI
Tensile Strength at Yield	D 638	1300 psi	9.0 Mpa
Tensile Elongation at Break	D 638	300 %	300 %
Flexural Modulus (Tangent)	D 790	30000 psi	210 Mpa
Izod Impact (notched)	D 256	NB ft-lb/in	NB J/m
Hardness (Shore), 15s Delay	D 2240	90 A	90 A

Processing (Extrusion)	English	SI
Drying Temperature	170 F	77 C
Drying Time	3 hrs	3 hrs
Max Moisture Content	0.20 %	0.20 %
Rear Barrel Temperature	330 F	166 C
Middle Barrel Temperature	350 F	177 C
Front Barrel Temperature	350 F	177 C
Screen Changer	350 F	177 C
Die	340 F	171 C
Screw L/D	30:1	
Screw Compression	4:1	

Comments:

Drying typically not required

Values shown are averages and not to be construed as specifications.

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