

# Qenos PE HDF895

High Density (MMW) Polyethylene

Qenos Pty Ltd

Message:

HDF895 is a medium molecular weight High Density Polyethylene grade.  
HDF895 is particularly suitable as a blend component in LDPE / LLDPE films to enhance stiffness. Suitability for use in any application should be determined by appropriate performance testing.

General Information			
Features	Good Stiffness		
	Medium Molecular Weight		
Agency Ratings	AS 2070-1999 section 4.1.1(a)		
	FDA 21 CFR 177.1520(c) 2.1		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	18	µm	ASTM D882
Secant Modulus			
2% Secant, MD	750	MPa	
2% Secant, TD	780	MPa	ASTM D882
Tensile Strength			
MD : Yield	24.0	MPa	
TD : Yield	25.0	MPa	ASTM D882
MD : Break	44.0	MPa	
TD : Break	29.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	680	%	
TD : Break	980	%	
Dart Drop Impact	< 50	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	9.0	cN	
TD	498.0	cN	

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