

TECHNICAL DATA SHEET

Marlex® HMN 6060

Chevron Phillips Chemical Co. LP
(PE-HD)

Processing

Injection molding, Other extrusion

Special Characteristics

High impact or impact modified

Features

Copolymer, Hexene copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	6	g/10min	ASTM D 1238
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Tensile strength at yield	33	MPa	ASTM D 638
Elongation at break	990	%	ASTM D 638
Flexural modulus	2500	MPa	ASTM D 790
Thermal Properties	Value	Unit	Standard
Vicat temperature	127	°C	ASTM D 1525
Other Properties	Value	Unit	Standard
Density	963	kg/m ³	ASTM D 792