

TECHNICAL DATA SHEET

Marlex® HMN 6060UV

Chevron Phillips Chemical Co. LP
(PE-HD)

Processing

Injection molding, Other extrusion

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Features

Foamable, 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
Shore D hardness	66		ASTM D 2240
Izod impact notched, 1/8 in	35	J/m	ASTM D 256
Thermal Properties	Value	Unit	Standard
DTUL @ 66 psi	81	°C	ASTM D 648
DTUL @ 264 psi	51	°C	ASTM D 648
Vicat temperature	127	°C	ASTM D 1525
Other Properties	Value	Unit	Standard
Density	963	kg/m ³	ASTM D 792