

TECHNICAL DATA SHEET

Marlex® HHM 5502BN

Chevron Phillips Chemical Co. LP
(PE-HD)

Processing

Blow molding

Delivery Form

Pellets

Features

Low odor, Copolymer, Hexene copolymer

Chemical Resistance

General chemical resistance

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	0.35	g/10min	ASTM D 1238
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Tensile strength at yield	27	MPa	ASTM D 638
Elongation at break	600	%	ASTM D 638
Flexural modulus	1370	MPa	ASTM D 790
Shore D hardness	63		ASTM D 2240
Thermal Properties	Value	Unit	Standard
DTUL @ 66 psi	79	°C	ASTM D 648
Other Properties	Value	Unit	Standard
Density	955	kg/m ³	ASTM D 792