

Product Texts

SABIC® mLLDPE VM002 is a metallocene ethylene-hexene copolymer. It has a good processability and performs well in a wide range of general purpose and high performance cast film applications. Films produced with this grade offer good impact strength, puncture resistance, sealing and optical properties. SABIC® mLLDPE VM002 is typically used for stretch and lamination films. Processing temperatures 210- 260 °C. Properties have been measured on cast film of 25 µm. This product is not intended for and must not be used in any pharmaceutical/medical applications.

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	103	°C	ISO 306

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	4	%	ASTM D 1003

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield, MD	9	MPa	ASTM D 882
Tensile Strength at Yield, TD	9	MPa	ASTM D 882
Tensile Strength at Break, MD	42	MPa	ASTM D 882
Tensile Strength at Break, TD	40	MPa	ASTM D 882
Elongation at Break, MD	650	%	ASTM D 882
Elongation at Break, TD	650	%	ASTM D 882

Characteristics

Features

Copolymer