ExxonMobil

Vistamaxx™ 8380

Performance Polymer

Product Description

Vistamaxx 8380 is primarily composed of isotactic propylene repeat units with random ethylene distribution, and is produced using ExxonMobil's proprietary metallocene catalyst technology. It has very low viscosity that enables its use in hot melt adhesives (HMAs) and as a process aid or viscosity modifier in extrusion and injection molding applications providing enhanced flow characteristics that can lead to efficiency and cycle time improvements.

Key Features

- Low density
- Very low viscosity
- Low odor and low color
- Non-corrosive

General

Applications	▪ Hot Melt Adhesives	▪ Polymer Modification	
Uses	▪ Adhesives	▪ Compounding	
Form(s)	▪ Pellets		
Processing Method	▪ Compounding	▪ Extrusion	▪ Injection Molding

Physical	Typical Value (English)		Typical Value (SI)		Test Based On
Density [2]	0.864	g/cm³	0.864	g/cm³	ExxonMobil Method
Ethylene Content [2]	12	wt%	12	wt%	ExxonMobil Method
Viscosity @ 374°F (190°C)	7570	cP	7570	mPa·s	ExxonMobil Method

Hardness	Typical Value (English)		Typical Value (SI)		Test Based On
Durometer Hardness (Shore C)	18		18		ASTM D2240

Mechanical	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break	550	psi	3.8	MPa	ExxonMobil Method
Tensile Stress at 100%	280	psi	1.9	MPa	ExxonMobil Method
Elongation at Break	1019	%	1019	%	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Melting Temperature	212	°F	100	°C	ExxonMobil Method
Glass Transition, Tg	-24	°F	-31	°C	ExxonMobil Method