

TEXAPOL 2570

Olefin Copolymer (OCP) VI Improver

DESCRIPTION:

TEXAPOL 2570 is A high quality, bale form, highly stable amorphous ethylene-propylene polymer with controlled molecular weight distribution, manufactured specifically for use as a viscosity index improver (VII) in high-performance mineral oil-based automotive crankcase lubricants.

DISSOLVING:

Cut polymer into the smallest practical pieces for the fastest dissolving. Dissolve with high agitation at 10 -12% wt. in desired 4-6 cSt base stock at 100°C (min) -120°C (max) until all polymer has been dissolved. This will typically take 4 - 8 hours. The exact dosage should be determined by preparing a laboratory test blend for the desired grade. Consult TEXAPOL Technical Department for specific recommendations. Use with a suitable pour point depressant.

PHYSICAL / CHEMICAL CHARACTERISTICS:

Properties	Specifications	Typical	Test Methods
Appearance	Yellow/green solid	Yellow/green solid	-
Propylene Content (%)	45 – 51	48	ASTM D3900
Density @ 15 °C, kg/m3	To Be Report	0.86	ASTM D792
K. Viscosity 1% 150N/100°C (cSt)	9.0 – 9.6	9.3	ASTM D445
K. Viscosity 10% 150N/100°C (cSt)	500 – 600	550	ASTM D445
Viscosity Index (1% in Gr III 125 VI)	Min 165	175	ASTM D2270
Pour point 1% in SN150 + 0.3% PPD (°C)	Min -30	-33	ASTM D97
Permanent Shear Stability Index (PSSI)	24 – 26	25	ASTM D6022
MFR (190C/2.16Kg)	5.5 – 7.5	6.5	ASTM D1238

UNLOADING, STORAGE, AND BLENDING INSTRUCTIONS:

Wear suitable gloves when handling polymers. Repair any damage to boxes immediately as product can “cold-flow” and leak from the packaging. For further details please refer to our Material safety data sheet.