

TECHICAL DATA SHEET

VISCOMULTI 9500

DESCRIPTION





A new rubber material called ViscoMulti 9500 is being developed. It is a unique type of ethylene-propylene-diene terpolymer (EPDM) with a very low amount of dienes and a semi-crystalline structure. This makes it ideal for thickening engine oils, greases, and other lubricants that need to function well at different temperatures. ViscoMulti 9500 is produced using Densyntech Technology.

TYPICAL PHYSICAL PROPERTIES

No	Properties	Unit	Method	Typical result
1	Density	g/cm ³	ASTM D279	0.870
2	Ethylene Content	wt%	ASTM D3900	70.0
3	Ash Content	wt%	ASTM D5667	< 0.1
5	Kinematic Viscosity (100°C), 1% polymer in 150N Base Oil	cSt	ASTM D445	16
6	Shear Stability Index (SSI)	-	ASTM 6022	45

The information provided herein represents typical properties only and should not be interpreted as guaranteed specifications. End users are strongly encouraged to conduct their own testing to confirm suitability for their specific application.

STORAGE AND HANDLING RECOMMENDATIONS

-  **Store EPDM products indoors:** Protect them from direct sunlight to prevent degradation. Original packaging provides the best shielding.
-  **Maintain proper storage temperature for concentrated solutions:** Concentrated EPDM solutions in oil should be stored at temperatures below 70°C (158°F) for optimal performance.
-  **Adhere to handling temperature guidelines:** When handling concentrated solutions, maintain temperatures below 120°C (248°F) to avoid adverse effects.
-  **Gel formation at low temperatures:** Be advised that concentrated solutions may transition into a gel state at temperatures below 25°C (77°F). This gelation does not impact the final product. Simply reheat the concentrate to 65°C (149°F) to restore its original state.