



APPLICATIONS

Eni Celtis 903 is a paraffinic mineral oil expressly formulated for use in the preparation of mixes in the rubber industry and in the processing of plastics.

Particularly suitable as 'extender oil' to be mixed with the polymer and the others

components for the production of semi-processed products or as 'process-oil' to be added in the mixer to the semi-processed product for the realization of the finished product.

Particularly suitable for use with styrene-butadiene (SBR) rubber, with elastomers with low unsaturated level as butyl rubber (IIR) and ethylene-propylene thermopolymer (EPDM).

CUSTOMER ADVANTAGES

- Favours elastomer workability during calendaring, extrusion and moulding
- It facilitates the dispersion and homogenization of pigments, additives and carbon-black
- Excellent anti-stain properties, thermal stability, oxidation resistance and low volatility





CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Appearance	APM 27	-	clear
Colour	ASTM D 1500	-	1
Density at 15°C	ASTM D 4052	kg/m ³	865
Viscosity at 40°C	ASTM D 445	mm ² /s	30.5
Viscosity Index	ASTM D 2270	-	95
Flash point (COC)	ASTM D 92	°C	205
Pour point	ASTM D 97	°C	-6
Water Karl Fisher	ASTM D 6304	ppm	50
Refractive index at 20 °C	ASTM D 1218	-	1.48
VGC	ASTM D 2501	-	0.8
Saturated	ASTM D 2007	% (m/m)	77.6
Polars	ASTM D 2007	% (m/m)	0.7
Aromatics	ASTM D 2007	% (m/m)	21.7
Ca/Cn/Cp	ASTM D 3238 - ASTM D 2140	% (m/m)	4/28/68



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