



APPLICATIONS

Eni Celtis 906 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).

Eni Celtis 906 can also be used for general lubrication and for not-heavy machining of metals.

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.
- Can be used in not-heavy machining of metals.





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	APM 27	-	clear
Colour	ASTM D 1500	-	2
Density at 15°C	ASTM D 4052	kg/m ³	890
Viscosity at 40°C	ASTM D 445	mm ² /s	95
Viscosity Index	ASTM D 2270	-	95
Flash point COC	ASTM D 92	°C	240
Pour point	ASTM D 5950	°C	-6
Acqua Karl Fischer	ASTM D 6304	ppm	< 100
N.N.	ASTM D 892	mg KOH/g	< 0.05
Refractive index at 20°C	ASTM D 1218	-	1.489
Viscosity Gravity Constant (VGC)	ASTM D 2501	-	0.8
Saturates	ASTM D 2007	% (m/m)	70
Polars	ASTM D 2007	% (m/m)	1.3
Aromatics	ASTM D 2007	% (m/m)	28.7
Ca/Cn/Cp	ASTM D 3238 - ASTM D 2140	% (m/m)	7/26/67



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