



Eni Clematis MS 130 is a paraffinic rubber process oil with excellent anti-stain properties, thermal stability and oxidation resistance. **Eni Clematis MS 130** is used as extender oil in the production of rubbers and polymer and in the manufacturing of tyres and other rubber goods.

PROPERTIES

Properties	Unit of Measure	Values		Typical	Method
		Min	Max		
Density at 15°C	kg/m ³		875		ASTM D 1298
Viscosity at 40°C	mm ² /s	24	27.5		ASTM D 445
Viscosity at 100°C	mm ² /s			5	ASTM D 445
Flash point	°C	210			ASTM D 92
Pour point	°C		-6		ASTM D 97 ISO 3016
Aniline point	°C	97			ASTM D 611
VGC	-			0.815	ASTM D 2501
Temperatura di transizione vetrosa	°C			-53	ASTM E 1356
Ca/Cn/Cp	% (m/m)			5/28/67	ASTM D 3238
Refractive index at 20 °C	-			1.4800	ASTM D 1747
Sulphur	% (m/m)			1	ASTM D 4294 ASTM D 2622
Water content	mg/kg		150		ASTM D 6304
DMSO extract	% (m/m)		1		IP 346
Distillation at 760 mmHg	-			-	ASTM D 1160
5% volume	°C			210	
20% vol.	°C			240	
Polycyclic Aromatic Hydrocarbons	mg/kg			-	EN 16143
-Benzo(a)pirene(BaP)	-		<1		





Properties	Unit of Measure	Min	Max	Typical	Method
Total sum of the following PAHs:	-		<10		
-Benzo(a)pirene(BaP)	-			-	
-Benzo(e)pyrene(BeP)	-			-	
-Benzo(a)anthracene(BaA)	-			-	
-Crisene(CHR)	-			-	
-Benzo(b)fluoranthene(BbFA)	-			-	
-Benzo(j)fluoranthene(BjFA)	-			-	
-Benzo(k)fluoranthene(BkFA)	-			-	
Dibenzo(a,h)anthracene(DBA hA)	-			-	

(1) Legal limits – Reg. (CE)1907/2006 (REACH), Annex XVII, Point 50 regarding the extender oils used for the production of tyres or part of tyres. It does not apply to other uses.

