



AGIP CELTIS (900 SERIES)

AGIP CELTIS (900 series) products are paraffinic oils expressly formulated for use in the preparation of rubber mixes and for the processing of plastics.
The viscosity grades cover the widest possible field of uses.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP CELTIS (900 SERIES)		902	903	904	905	906
Viscosity at 40°C	mm ² /s	3,6	5,3	5,9	7,9	10,9
Viscosity at 100°C	mm ² /s	15,5	30	36	59	95
Colour ASTM D 1500	-	L 0.5	L 1	L 1.5	L 2	L 2.5
Flash Point C.O.C.	°C	196	218	226	235	245
Pour Point	°C	-12	-12	-10	-9	-9
Refract. Intercept	-	1,045	1,046	1,046	1,046	1,046
V.G.C.	-	0,804	0,810	0,806	0,810	0,811
Mass density at 15°C	kg/l	0,850	0,872	0,870	0,875	0,885
Clay-gel:						
- saturated	%wt	80,8	80,6	79,4	75,8	73
- aromatic	%wt	18,7	18,8	19,9	23,3	26,2
- polar	%wt	0,5	0,6	0,7	0,9	0,8
S.U.N. Ca/Cn/Cp	%wt	3/29/68	5/25/70	5/25/70	5/25/70	5/25/70

AGIP CELTIS (900 SERIES)		908	911C	933	956
Viscosity at 40°C	mm ² /s	11,4	14,7	32	43,6
Viscosity at 100°C	mm ² /s	100	150	472	848
Colour ASTM D 1500	-	L 3	L 2.5	L 3.5	L 7
Flash Point C.O.C.	°C	260	-	305	305
Flash Point P.M	°C		252		
Pour Point	°C	-9	-9	-7	-5
Refract. Intercept	-	1,042	1,046	1,043	1,049
V.G.C.	-	0,813	0,824	0,807	0,833
Mass density at 15°C	kg/l	0,887	0,888	0,903	0,927
Clay-gel:					
- saturated	%wt	71,68	70,6	67,5	41,5
- aromatic	%wt	27,4	28,3	30,8	53,4
- polar	%wt	1,0	1,1	1,7	5,1
S.U.N. Ca/Cn/Cp	%wt	5/25/70	5/25/70	10/19/71	11/23/66

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PROPERTIES AND PERFORMANCE

- AGIP CELTIS (900 series) products are designed to improve the workability of elastomers during calendering, extrusion and moulding.
- They facilitate the addition and blending of pigments, additives, carbon-black, etc.
- They also possess antistain properties, excellent thermal stability, oxidation resistance and low volatility.

APPLICATIONS

AGIP CELTIS (900 series) products are particularly recommended for use as extender oils, namely for mixing with the polymer and the other components to make the semi-product, or as process oils for addition to the semi-product in the mixer for making the end product.

AGIP CELTIS (900 series) oils are paraffinic products recommended for use with styrene-butadiene rubbers (SBR) and particularly for utilization for low unsaturation elastomers such as butyl rubbers (IIR) and ethylene-propylene terpolymers (EDPM).