



Pharmaceutical White Mineral Oils for Polymer and Adhesive Industry

Description:

Ramoil is the Italian Leader in the production of White Mineral oil used as external/internal lubricating oils, process oils, extender oils in polymers and adhesives manufacturing and in general in many compounds producing.

Their main properties are

- Odourless and colourless;
- Non-toxic;
- Very low Sulfur content and PAH levels according to EU Regulation N. 1272/2013 and later updates;
- Produced from narrow Distillation Cuts in order to reduce the volatility and Process Losses and Fogging phenomena during the compounds production, also guaranteeing Safety and Healthy work conditions;
- UV Stability to prohibit discoloration and surface cracking ;
- Thermal stability and high flash point for high-temperature processes;

Typical Standards:

	Saybolt Color (ASTM D 156)	Density at 20 °C Kg/ m3 (ASTM D 1298)	Viscosity at 40 °C cSt (ASTM D 445)		Viscosity at 100 °C, cSt (ASTM D 445)	Flash Point VA, °C (ASTM D 92)	Typical Carbon Distribution, % wt (ASTM D 3238)			PAH (Tab.1 - AfPS GS 20 14:01 PAH)	Meets Requirements
	Min	Max	Min	Max	Min		Aromatic C	Naphthenic C	Paraffinic C		
BFR 0011	+30	826	11	13	-	180	0	27	73	Pass	FDA 172.878 FDA 178.3620 a
BFR 0021	+30	863	19	21	-	180	0	33	67	Pass	FDA 172.878 FDA 178.3620 a
BFR 0031	+30	870	28	35	-	190	0	38	62	Pass	FDA 172.878 FDA 178.3620 a
BFR 0041	+30	867	39	45	-	200	0	34	66	Pass	FDA 172.878 FDA 178.3620 a
BFR 0071	+30	870	64	73	8,5	220	0	30	70	Pass	FDA 172.878 FDA 178.3620 a EU/10/ 2011 Reg.
MELT 2212	+30	870	-	75	8,5	220	0	32	68	Pass	FDA 172.878 FDA 178.3620 a EU/10/ 2011 Reg. MOAH Content <10 ppm
BFR 0101	+30	880	98	113	-	240	0	31	69	Pass	FDA 172.878 FDA 178.3620 a EU/10/ 2011 Reg.

Tailor made products are available on request.

Certifications:

FDA 172.878/178.3620 a /573.680 (American Food and Drug Administration);

USP (U.S.A. Pharmacopeia); DAB (German Pharmacopeia); BP (British Pharmacopeia); F.U.I. (Italian Pharmacopeia).

BFR0071, MELT2212 AND BFR0101 meet Directives 2002/72/EC and 2008/39/EC ref. 95883, Reg. (EU) 10/2011.

Applications:

Polymers PVC/PE/PP/PS, Elastomers (TPE-V, SEBS, SBS, SIS), EPDM Rubber, Hot-melt adhesives, etc.

Packages:



Custom packaging are available on request.



Technical White Mineral Oils for Polymer and Adhesive Industry

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	Saybolt Color (ASTM D 156)	Density at 20 °C Kg/ m3 (ASTM D 1298)	Viscosity at 40 °C, cSt (ASTM D 445)		Flash Point VA, °C (ASTM D 92)	Typical Carbon Distribution, % wt (ASTM D 3238)			PAH (Tab.1 - AfPS GS 2014:01PAK)	Meets Requirements
	Min	Max	Min	Max	Aromatic C	Naphthenic C	Paraffinic C			
POLY 910	+25	848	15	17	190	0	28	72	Pass	FDA 178.3620b
POLY 914	+25	860	14	17	190	0	32	68	Pass	FDA 178.3620b
BTR 0021	+25	863	19	21	180	0	33	67	Pass	FDA 178.3620b
POLY 274	+25	860	20,6	22	180	0	30	70	Pass	FDA 178.3620b CLP Reg.
POLY 256	+25	860	27	34	190	0	30	70	Pass	FDA 178.3620b
BTR 0041	+25	867	39	45	200	0	34	66	Pass	FDA 178.3620b
BTR 0061	+25	870	57	63	220	0	31	69	Pass	FDA 178.3620b
BTR 0071	+25	870	64	73	220	0	30	70	Pass	FDA 178.3620b EU 10/ 2011 Reg.
BTR 0101	+22	880	98	113	240	0	31	69	Pass	FDA 178.3620b EU 10/ 2011 Reg.
NWO 650	+22	880	118	124	248	0	31	69	Pass	FDA 178.3620b EU 10/ 2011 Reg.

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Certifications:

FDA 178.3620b (American Food and Drug Administration);
BTR0071, BTR0101 AND NWO650 meet Reg. (EU) 10/2011

Applications:

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