



3770 EMBASSY PARKWAY AKRON, OHIO 44333
 330-535-2100 ♦ 800-321-2260 ♦ FAX 330-535-8947

FIRE RETARDANTS

AKROCHLOR™ CHLORINATED PARAFFINS

APPLICATION/DESCRIPTION:

Akrochlor chlorinated paraffins are a low cost source of halogen for flame retardant purposes (usually in concert with Sb_2O_3) and are compatible with most polymers (use resin product in EPDM for maximum compatibility). Grade selection is usually based on the best combination of chlorine content, viscosity, volatility and cost for the end-use product. Akrochlor chlorinated paraffins are available in a variety of grades, in both liquid (L-Grades) and resin (R-Grades) form. Akrochlor resin grades offer the highest chlorine content, but liquids are often used for the combination effect of plasticizer and flame retardant. **Chlorinated hydrocarbons are also very resistant to microbial and fungi attack.**

TYPICAL PROPERTIES - LIQUID GRADES:

Grade	Chlorine WT %	Specific Gravity	VISCOSITY		VOLATILITY			STABILITY
			SUS 210°F	SUS 100°F	Poises 77°F	4 hrs. 150°C	24 hrs. 100°C	JQD method %HCl 4 hrs. @ 175°C
L-40	40	1.12	90	1360	8	2.0	0.5	0.3
L-63	62	1.40	310	----	450	----	----	---

TYPICAL PROPERTIES - RESIN GRADES:

Grade	Chlorine WT %	Sp.Grav. 25°/25°C	Particle	Color Gardner	Volatility	Soft Pt. B&R, °C	Stability
			Size Thru 50 Mesh				4 hrs. at 175°C
R-70	70	1.60	94	< 1	N.V.	102	0.3

tee - 11/25/19, t-akrochlor

Included with its product literature and upon the request of its customers, Akrochem provides product specifications and evaluations, suggested formulations and recommendations and other technical assistance, both orally and in writing (collectively the "Technical Information"). Although Akrochem believes all Technical Information to be true and correct, it makes no warranty, either express or implied, as to the accuracy, completeness, or fitness of the Technical Information for any intended use, or the results which may be obtained by any person using the Technical Information. Akrochem will not be liable for any cost, loss or damage, in tort, contract or otherwise, arising from customer's use of Akrochem products or Technical Information. It is the customer's sole responsibility to test the products and any Technical Information provided to determine whether they are suitable for the customer's needs. Before working with any product, the

customer must read and become familiar with available information concerning its hazards, proper use, storage and handling, including all health, safety, and hygiene precautions recommended by the manufacturer. Nothing in the Technical Information is intended to be a recommendation to use any product, method, or process in violation of any intellectual property rights governing such product, method, or process. No license is implied or granted by Akrochem as to any such product, method, or process. AKROCHEM CORPORATION DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE, RELATED TO ANY PRODUCTS OR TECHNICAL INFORMATION PROVIDED BY AKROCHEM.