

Silicone and Acrylic Hybrid Resin CHALINE R Flame Retardant Aid

Resin additive that combines a flame-retardant effect with long-lasting sliding properties

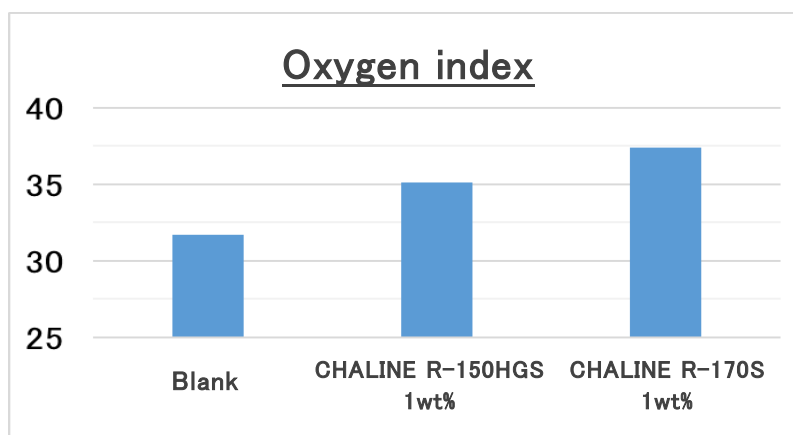
[1] Features

This CHALINE R powder product is a resin additive that has long-lasting sliding properties with no bleeding, while showing abrasion resistance, scuff resistance, and antifouling properties, and can be combined as a flame retardant aid with a halogen-free flame retardant based on PE, EVA, EEA, or other polyolefin resins to produce synergy that improves flame retardancy.

[2] Usage

Halogen-free flame-retardant compound (flame retardant aid)

[3] Combustion test



Component amount unit: wt%

Component/Sample	Blank	CHALINE R-150HGS	CHALINE R-170S
EEA	40	39.5	39.5
Magnesium hydroxide	60	59.5	59.5
CHALINE	-	1	1
Oxygen index	<u>31.7</u>	<u>35.1</u>	<u>37.4</u>

* EEA: Ethylene-ethyl acrylate copolymer

* Test method: Based on JIS K 7201-2:2007 (ISO4589-2:1996)

Created on January 4, 2024

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