

Polyfam® PR562F

Description

Polyfam® PR562F is a water soluble sodium salt of maleic-acrylic acid copolymer specifically designed as a highly effective anti-redispersion agent for low-phosphate and phosphate-free formulations, used in household, industrial & institutional detergent industry.

Specification

Form	Liquid
Color	colorless to pale yellow
Ionic Character	Anionic
Charge Density	Very High
Specific Gravity Density @ 20 °C (g/cm³)	1.28-1.30
Average Non-Volatile Solids (%)	40±2
pH	6-8
Brookfield Viscosity (cP)	2000±1000
Freezing Point (°C)	<0
Storage Temperature (°C)	5-40
Average Molar Mass Mw (g/mol)	60000
K Value	60
Shelf Life (months)*	12

* When stored inside a building at a stable temperature between 5°C and 40°C.

Applications

Polyfam® PR562F is recommended to be employed in laundry detergents for strengthening the performance of detergents through inhibiting incrustation and helping soils from depositing onto textile garments in the wash water. Therefore it has a strong anti-incrustation, -redispersion and -greying power on fabrics and surfaces.

Polyfam® PR562F can perfectly balance suppression/reduction of phosphates.

Processing

Recommended dosage for use of Polyfam® PR562F is 1-3%.

Industry Safety and Environmental Protection

Not a hazardous substance.

All information is correct at the date of publication and is given in good faith, but without warranty. We cannot accept liability for any damage, loss or patent infringement resulting from the use of this information.