

ADWIL XPERT RG POLYGLYCEROL POLYRICINOLEATE (PGPR) E-476

Product Descriptions	
Appearance	Brownish Liquid
Odour	Fatty
Taste	Fatty
Specifications	
Acid Value	6.0 max.
Iodine Value	75 - 95
Hydroxyl Value	80 -100

POLYGLYCEROL POLYRICINOLEATE (PGPR) is a food grade emulsifier that can be used to modify the rheological characteristics of chocolate-based coatings. It can also be used as an emulsifier in both high fat and low-fat spreads and in salad dressings or as a crystal inhibitor and anti-clouding agent in fractionated vegetable oils.

POLYGLYCEROL POLYRICINOLEATE (PGPR) used in chocolate, where it acts as a viscosity reducer in chocolate which helps minimizing the usage of an expensive cocoa butter helping directly to reduce the cost of final product. It is used in manufacturing pan release / greasing oil which is widely used in bakeries to ensure non-sticky properties of the product to the pans on which the products are baked.

Benefits:

- POLYGLYCEROL POLYRICINOLEATE (PGPR) is used for: -**
- Crystal inhibitor and anti-clouding agent in vegetable oils
 - Reduced yield stress
 - Replacement of cocoa butter,
 - Maintaining optimum flow properties during production
 - Fat reduction
 - Improved flow properties
 - Improved tin release properties
 - Emulsion stability Improved mouthfeel and spread ability
 - Low-fat spreads
 - Viscosity reducer in chocolate industry
 - Used in manufacturing pan release / greasing oil
 - Used as water-in-oil emulsifier for production of Low-fat spread emulsions.
 - Has a strong emulsifying effect and increases the viscosity in emulsions. contributing additionally to the emulsion stability and production safety
 - Reduces the surface tension between the water and the fat phase
 - Ensures a stable and homogeneous emulsion in the margarine with a low-fat content

Application:

This POLYGLYCEROL POLYRICINOLEATE (PGPR) is suitable to use in Palm oil industry, cocoa industry, bakery products, Confectionery fillings, chocolate industry.

Dosage:

The dosage level for POLYGLYCEROL POLYRICINOLEATE (PGPR) is varied from 0.5% to 1.0%.

*Usage may vary as per operating conditions. .

Auth Sigantory

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