

# BPR<sup>®</sup> 50 GN

## Technical Data Sheet

Chemical Description : Groundnut Oil Distilled Fatty Acid  
(Peanut Fatty Acid)

Physical Appearance : Pale yellow, clear liquid with typical odour

Characteristics	Unit	Specification
Iodine value	G I/100 g	90 – 105
Acid value	mg KOH/g	195 - 205
Colour	Lovibond 1" cell	Y 10.0, 3.0 R max.
Saponification value	mg KOH/g	198 - 208
Titre	°C	29 max.
Moisture	%	0.15 max.
Unsaponifiable Matter	%	1.0 max.
Chain Distribution	%	
C 16 and below		16 max.
C 18:0		5 max.
C 18:1		45 – 55
C 18:2		27 – 35
C 18:3		1.5 max
C 20 and above		3 max.

Packing : ISO Tank Containers / 200kg HDPE Drums

**Storage:** Do not store in carbon steel containers since fatty acids will react & discolor. Inside storage & "first in first out" inventory control is recommended. Storage at temperatures above 30°C should be avoided. Fatty acids are susceptible to gradual oxidation. This could result in darkening and/or it could have an adverse effect on the solubility of the product in organic solvents or on its compatibility with polymers. Accordingly, it is recommended that strict control of inventory be observed at all times, taking care that the oldest material is used first.

**Disclaimer:** The given values are reference values, they are subject to the permanent update in the context of the product. The information on product specifications provided herein is only binding to the extent confirmed in a written Sales Contract. B. P. Refineries expressly disclaims any responsibility for the suitability of the products for any specific or particular purposes intended by the user. Suggestions for the use & application of the products & guide formulations are given for information purposes only and without commitment. Such suggestions do not release B. P. Refineries customers from testing the products as to their suitability for the customer's intended processes & purposes. B. P. Refineries does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the products is solely responsible for compliance with all laws & regulations applying to the use of the products, including intellectual property rights of third parties.