

Product Name: TegMeR® 809

GLYCOL ESTER

Description:

TegMeR 809 is a PEG 400 ester plasticizer for high polarity elastomers and plastics. This plasticizer has excellent compatibility in acrylic elastomers, VAMAC and HNBR. TegMeR 809 offers good resistance to water extraction and good low temperature properties. In thermoplastics like PET, TegMeR 809 acts as a nucleating agent and lowers Tg of the plastic to allow for faster and lower temperature processing.

Suggested Uses:

Acrylic coatings, Adhesive and sealant, Automotive belts, Hose and tubing, PET applications, and Transmission seals

Compatibility:

- Hydrogenated nitrile
- Nitrile
- PET
- Polyacrylate
- Polystyrene
- Polyurethane
- Polyvinyl acetate

Typical Properties:

Acid Value, mg KOH / g	0.5
Appearance	Clear
Color, Gardner	2
Moisture, %	0.05
Refractive Index, 25°C	1.4524
Specific Gravity, 25°C	1.020

Performance Properties:

In Vamac	
Plasticizer, pphr	25
Shore A Hardness	56
Tensile Strength, psi	1400
Ultimate Elong., %	410
Percent Change by:	
Volatilization 1000 hrs - 150°C	-6.4
ATF fluid, 1000hrs.	+11
ATF fluid, 500 hrs.	+9.8

Packaging:

Container	Weight
5 gallon pail	40 lbs
55 gallon drum	435 lbs
Bulk	-- lbs
Tote	-- lbs

PC14998

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The technical information and suggestions for use contained herein are believed to be reliable, but they are not to be construed as warranties and no patent liability can be assured.