



HARWICK

STANDARD

ISO 9001-2015 REGISTERED

Technical Data Sheet

PE-40 Polyethylene Emulsion

PE-40 is a 30% solids water emulsion of polyethylene. It is suggested as a release agent for molding a variety of rubber compounds including silicone and fluoroelastomers. It provides excellent release characteristics and is effective at low concentrations. There is no deleterious effect on the post finishing of parts molded with PE-40 release agent.

PE-40 can be diluted with water to any desired concentration. It is effective over a wide range of concentrations. Evaluation of a 5% solution is suggested for initial work. Optimum concentrations for specific applications can be determined by increasing or decreasing the solids content.

TYPICAL PROPERTIES

Chemical Nature	Emulsified Polyethylene
Emulsifier Type	Nonionic
Non-Volatile Solids	30%
Appearance	Light Yellow Liquid
Viscosity (cps) Brookfield LVT, #1 Spindle @ 60 RPM-23°C	15
pH (as supplied)	8.5
Specific Gravity (calculated)	0.99
Miscibility with Water	Complete
Storage Stability	Excellent when protected from freezing

5/22/98 – Reviewed 10/02/2019

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