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PROCESS AIDS

PROAID[®] 90

PRODUCT DESCRIPTION:

Proaid 90 is an organo-modified siloxane process aid and internal release agent. It is surface active and will attract to polar surfaces to lubricate and couple during melt processing. This includes filler, pigments and metal surfaces. Typical melting point is 160°F; therefore no migration is expected below that temperature. Because Proaid 90 is a siloxane, the common downstream processing issues that are seen with silicones are not normally experienced with Proaid 90.

Typical loading of this material is 0.5 – 4 phr as an internal release aid. Filler levels and filler treatment will affect the addition rate. Proaid 90 will coat die metals over several cycles and rejuvenate while running. No die build up or discoloration is normally seen. Proaid 90 is very thermally stable up to 600F.

Proaid 90 can also work to help filler incorporation of treated and untreated fillers. It can be used up to 8 phr if needed.

TYPICAL PROPERTIES:

Appearance	Beads
Specific Gravity	0.90
Melting Range	158-166°F
Viscosity @200°F.....	100±15 cps

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