

Deoplast EP 11

Oleochemical Processing Additives

Description

Deoplast EP 11 can be used as an internal lubricant for nonpolar or just slightly polar polymers. Deoplast EP 11 improves the flowability of the compound. In compounds with fillers, which contain OH-groups on the surface (e.g. silica, clay) it wets the filler surface and causes a physical bonding between filler and polymer. This reduces the inhibiting effect of the light filler on the vulcanization speed which leads to more efficient curing speed.

Composition

Oleochemical combination of amide esters and metal soap

Application

Applicable for all common production processes, especially IM and TM as well as extrusion of continuously a vulcanized profiles. For use in NR, SBR, BR, EPDM and other non-polar or slightly polar polymers

Dosage

1 – 5 phr

Typical physical properties

		Unit
Colour	beige pellets	/
Ash, 2h at 950°C	5.5 – 7.5	%
Dropping point, Mettler device	approx. 110	°C

Benefits

Reduces viscosity
Improved demoulding and release
The composition of metal soap and amide optimizes phase transfer and flow characteristic

Associated products

Deoplast EP 12
Deoplast EP 20

Storage

In originally sealed package in cool and dry places
Storage stability: min. 24 months

Supply Form

25 kg in PE-bags

German Food Legislation (BfR recommendation XXI)

Not approved

US Code of Federal Regulations, FDA – CFR Title 21, 177.2600

Not listed

Version: 01/2022