Naptel

Description

Soltex provides compounds that provide cable insulation and block water ingress into telecommunications, fiber optic, and co-axial cable constructions. Naptel flooding compounds are typically applied to outer conductor core, metal armor, and between polymeric sheath layers. Formulated with synthetic hydrocarbon fluids and wax/polymer blends that provide oxidation inhibition and prevent moisture ingress in telecom cables.

Advantages

Excellent moisture barrier and oxidation resistance. Assures dielectric properties for optimum telecom/fiber optic cable performance and provides good compatibility with polymers used in cable construction and termination enclosures.

Properties

SPECIFICATION PROPERTIES	Units	ASTM	NAPTEL 310	NAPTEL 500	NAPTEL 5116
Apparent Viscosity at 150°C	**mPaž s**	D-3236	270 – 345	40 – 60	
Apparent Viscosity at 120°C	**mPaž s**	D-3236			60 - 75
Softening Point	**°C**	E-28	90 – 120	80 – 100	≥ 85
Flash Point (COC)	**°C**	D-92	225 min	180 min	180 min
Color		D-1500	3.0 max	3.0 max	2.0 max
Cone Penetration @ 25°C	**°C**	D-937	40 - 100	40 - 100	50 - 80
TYPICAL PROPERTIES					
Oxidation Induction Time at 190°C	**minutes**	D-3895	15 min	15 min	5 min
Tombstone Slump 24 hrs at 80°C		BP Method DCLC 012	Pass	Pass	Pass

Packaging

55 gallon Openhead Steel Drums, or Heated Bulk Tanktruck

Date: 08/25/16