

KVIS - 20

KPL's Polyisobutylene is synthetic hydrocarbon polymers available in a wide range of viscosities. KPL's Polyisobutylene is technologically advanced and adhere to global standards of quality. Our product is viscous, non-toxic and inert polymer and it has the ability to increase tackiness.

Product Description :

Kvis-20 is the trade name of Kothari's polyisobutylene with molecular weight ranging from 4500 to 5500. Distinct features of Kvis-20 are

- ❖ High Molecular weight with low viscosity - > Improves mechanical properties
- ❖ Excellent dispersant -> Improves Surface finish
- ❖ Acts as Anti-moisturizing agent & Anti-oxidant
- ❖ External and internal lubricant -> Helps to increase compound output – Aids Rheological properties

Applications:

Kvis 20, as a **specialty additive**, finds its application in manufacturing of

- ✓ Plastic Filler Masterbatch
- ✓ Colour Masterbatch
- ✓ PVC - Pipes, Fittings, Profiles, Wires & Cable Compounds

Typical Values:

Properties	Test Method	Units	Values
Appearance	Visual	-	Opaque & Viscous Liquid
Molecular Weight	GPC	Number Average	5000±500
Color (Max)	ASTM D1500		0.5
Viscosity @ 100° C	ASTM D-445	cSt	400±50
Specific gravity @ 15° C	ASTM D-1298	-	0.85-0.88
Flash Point (Min)	ASTM D-92	° C	190
Acid Number (Max)	ASTM D-974	-	0.02

Shelf life:

Shelf-life period of PIB in unopened and intact container is 12 months as per the following storage conditions.

Storage:

- Store in cool, dry location, away from sunlight, sources of intense heat.
- Store in a rust & moisture free Tank/Container with nitrogen positive pressure to avoid oxygen ingress.
- For detailed data, please refer our SDS.