

KVIS - 10

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 10 is the trade name of KPL's Polyisobutylene product with molecular weight ranging from 900 to 1000. General property of the product is transparent, free of particles, and is a leading choice for a wide range of applications.

Applications:

- ✓ Two stroke engine oils as fuel additive.
- ✓ Automotive lubricant additive – as a performance package
- ✓ Specialty Chemicals segment.
 - Construction Chemicals (Water proofing).
 - Hot Melt Adhesives.
 - Adhesive Tapes

Typical Values:

Properties	Test Method	Units	Values
Appearance	Visual	-	Clear, Viscous Liquid
Molecular Weight	GPC	Number Average	950±50
Colour (Max)	ASTM D-1209	APHA	40
Viscosity @ 100° C	ASTM D-445	cSt	230±30
Specific gravity @ 15° C	ASTM D-1298	-	0.88-0.89
Flash Point (Min)	ASTM D-92	° C	190
Pour Point	ASTM D-97	° C	-6
Acid Number (Max)	ASTM D-974	mg KOH/g	0.02
Bromine Number	ASTM D-97	g Br ₂ /100g	16
Viscosity Index	ASTM D-2270	-	110
Water Content (Max)	ASTM D-6304	ppm	40

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.