

# Goldenstone® PK

## Technical Data Sheet (TDS)

### Process oils

#### Description and Application

Goldenstone® PK plasticizers are formulated from high quality highly refined naphthenic (Goldenstone PK-4n) and paraffinic- naphthenic (Goldenstone PK-10, Goldenstone PK-15, Goldenstone PK-20 & Goldenstone PK-30) base stocks exhibiting excellent oxidation stability and very good compatibility with rubber components.

Available in five commercial grades Goldenstone PK-4n, Goldenstone PK-10, Goldenstone PK-15, Goldenstone PK-20 & Goldenstone PK-30, respectively.

Goldenstone® PK plasticizers are rubber processing oils that have been developed for use as one of the components in the rubber stock production.

#### Benefits

- Easy deshuttering
- Preserving the form of the elements
- Corrosion prevention
- Ensures cleanliness of the formworks

#### Specifications

ISO 6743/10	ISO-L-YEB (Goldenstone PK-4n)
ISO 6743/10	ISO-L-YEC (Goldenstone PK-10, Goldenstone PK-15, Goldenstone PK-20 & Goldenstone PK-30)

#### Typical Characteristics

Parameter	Test Method	Typical Value				
		PK-4n	PK-10	PK-15	PK-20	PK-30
Density at 20°C, g/cm <sup>3</sup>	EN ISO 3675	0.899	0.880	0.890	0.890	0.894
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ISO 3104	3.7	11.0	15.0	17.0	26.5
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ISO 3104	22.7	99	150	220	410
Viscosity index	ISO 2909	-	95	90	90	90
Flash point, COC, °C	ISO 2592	176	230	255	260	270
Pour point, °C	ISO 3016	-45	-15	-12	-9	-6
Noack, %	ASTM D 5800	-	4.5	4.0	-	-
AN, mg KOH/g	ISO 6618	0.01	0.02	0.02	0.02	0.02
C <sub>A</sub>	FTIR	6	8	8	8	8
C <sub>N</sub>		46	27	28	29	22
C <sub>P</sub>		48	65	64	63	70
Aniline Point, °C	ISO 2977	None				
Water, vol.%	EN ISO 3733	<70	>80			

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

#### Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

<http://www.goldenstoneoils.com>