

Technical data sheet

Product name: **Polysorbate 20**

Grade: **Extra pure**

Chemical formula: $C_{58}H_{114}O_{26}$

Molar mass: 1227.72 g/mol

Synonyms: Polyoxyethylene sorbitan monolaurate; Surfactant T-20; Tween 20

General information	
Cas- No.	9005-64-5
Ec-No.	500-018-3
Appearance	Viscose yellow to brown liquid
Boiling point	>100°C
Melting point	N/A
Flash point	275 °C
Spec.density	1.1 g/cm ³ (20°C)
Vapour pressure	<1.4 hpa(20°C)
Solub. In H ₂ O	Soluble (20°C)
Storage temp	+15°C to +25°C
R:	N/A
S:	N/A

Specification	
Identification(IR)	Conforms
Appearance of solution	Conforms
Acid value	≤ 4 mg KOH / g
Hydroxyl value	96-108 mg KOH / g
Saponification value	40-50 mg KOH / g
Moisture content	≤ 3 %
Residue on ignition	≤ 0.25 %
pH of 5% Solution	5 – 7

Symbol:

packaging:

Available Pack	1 lit	2/5 lit	5 lit	10 lit	20 lit
GLASS	-	-	-	-	-
P.E	*	*	-	-	-