



TECHNICAL DATA SHEET(TDS)
Polysorbate 80, Food Grade, Kosher, Halal
Product Specifications (CAS# 9005-65-6)

Test	Specification	Typical Results
Acid Value	Max 2.0 mg KOH/g	<2.0 mg KOH/g
Hydroxyl Number	65 - 80 mg KOH/g	71 mg KOH/g
Moisture	Max 3.0%	2.24%
Specific Gravity	1.06 - 1.09	1.08
Myristic	Max 5.0%	0.26%
Palmitic	Max 16.0%	5.35%
Palmitoleic	Max 8.0%	NIL
Stearic	Max 6.0%	1.88%
Oleic	Oleic, %	82.80%
Linoleic	Max 18.0%	NIL
Linolenic	Max 4.0%	NIL
Saponification value	45.0 - 55.0 mgKOH/g	46 mgKOH/g
Specific Gravity	1.06 - 1.09	1.08
Viscosity, 25°C	300.0 - 500.0 cSt	434.14 cSt
1, 4 Dioxane	Max 10 ppm	<1.0 ppm
Ethylene oxide	Max 1.0 ppm	<0.1 ppm
Peroxide value	Max 10 ppm	1.00 ppm
Ignition residue	Max 0.250 wt%	0.099 wt%

Appropriate/legal use of this product is the responsibility of the user.

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Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
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