Richest Group
No. 999, Jiangyue Rd, Minhang, Shanghai 201114, China
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PRODUCT SPECIFICATION

产品规格书

Product Name	Polysorbate 20 (Tween 20)	**Grade / Model**	Tween 20, BP / Food Grade
CAS No.	9005-64-5	**Executive Standard**	GB 29221-2012
Revision Date	2026-10-29	**HS Code**	34021300

No.	Item	Specification
1	Appearance	Pale yellow or yellow viscous oily liquid
2	Odour	Slight peculiar odor
3	Colour (Lovibond, 1" cell), R/Y	<= 1.5R 10Y
4	Solubility	Soluble in water, ethanol, methanol or ethyl acetate; slightly soluble in liquid paraffin
5	Acid Value, mgKOH/g	<= 2.0
6	Saponification Value, mgKOH/g	40 - 50
7	Hydroxyl Value, mgKOH/g	96 - 108
8	Water, w/%	<= 3.0
9	Residue on Ignition, w/%	<= 0.25
10	Oxyethylene, w/%	70.0 - 74.0
11	Relative Density	1.09 - 1.12
12	Viscosity (25 °C), mm2/s	250 - 400
13	pH Value (5% in water)	4.0 - 7.5
14	Peroxide Value	<= 10
15	Fatty Acid Composition (C12:0), %	40 - 60
16	Ethylene Oxide, mg/kg	<= 1
17	Dioxane, mg/kg	<= 10
18	Heavy Metals, mg/kg	<= 10
19	Lead (Pb), mg/kg	<= 2
20	Arsenic (As), mg/kg	<= 2.0

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Remarks: Packing: 200 kg net plastic drum or 1000 kg IBC drum. Store in a cool, dry and well-ventilated place; keep container tightly closed. The above values are the standard specifications of the product supplied by Richest Group Ltd. A Certificate of Analysis (COA) with actual test results can be provided for each batch upon request. Richest Group Ltd. | No. 999, Jiangyue Rd, Minhang, Shanghai 201114, China

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