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PRODUCT SPECIFICATION

产品规格书

Product Name	Ethoxylated Castor Oil EL-40 / EL-20 / EL-10 Series	**Grade / Model**	EL-10 (nominal 10 EO) / EL-20 (nominal 20 EO) / EL-40 (nominal 40 EO), non-hydrogenated ethoxylated castor oil
CAS No.	61791-12-6 (common CAS for non-hydrogenated ethoxylated castor oil EL grades)	**Executive Standard**	Manufacturer public specification
Revision Date	2026-11-16	**HS Code**	Not specified in reviewed public sources

No.	Item	Specification
1	EL-10 Appearance (25°C)	Light yellow clear oily substance
2	EL-10 Saponification value	110–130 mgKOH/g
3	EL-10 Moisture	≤1.0%
4	EL-10 pH (1% aqueous solution)	5.0–7.0
5	EL-10 HLB value	6–7
6	EL-20 Appearance (25°C)	Light yellow clear oily substance
7	EL-20 Saponification value	90–100 mgKOH/g
8	EL-20 Cloud point (1% aqueous solution)	≤30°C
9	EL-20 Moisture	≤1.0%
10	EL-20 pH (1% aqueous solution)	5.0–7.0
11	EL-20 HLB value	9–10
12	EL-40 Appearance (25°C)	Light yellow oily substance to paste
13	EL-40 Saponification value	57–67 mgKOH/g
14	EL-40 Cloud point (1% aqueous solution)	70–84°C
15	EL-40 Moisture	≤1.0%
16	EL-40 pH (1% aqueous solution)	5.0–7.0
17	EL-40 HLB value	13–14

Remarks: Packing: 200 kg iron drum or 50 kg plastic drum (public manufacturer packaging). Storage: Keep tightly closed in a dry, cool and ventilated place. Public manufacturer shelf life: two years. Avoid strong heating and follow the final grade-specific SDS.

Specification basis: Public typical specification; final supply subject to Richest COA.