NAGDEV PRODUCTS

OFFICIAL TECHNICAL DATA SHEET

Document Ref: NPPL-TDS-04
Brand: NDEVOLEO™ PPG
Origin: North Gujarat Castor Belt, India

Refined Castor Oil (Pale Pressed Grade – P.P.G)

CASTOR OIL · PROPRIETARY GRADE: NDEVOLEO™ PPG

CAS Number:	8001-79-4	HS Tariff Code:	1515.30
Physical Form:	Liquid	Typical Colour:	Extra Pale / Pale Straw
Feedstock / Raw Material:	Premium Castor Seed (Ricinus communis)	Shelf Life:	24 months from date of manufacture, in original unopened packaging
Commercial Status:	Available on enquiry	Quality System:	In-house plant QA testing with COA per lot

TYPICAL SPECIFICATION (INDICATIVE)

SR NO	TEST PARAMETER	SPECIFICATIONS
1	Free Fatty Acid (FFA)	1.0% Max
2	Acid Value	2.0 mg KOH/g Max
3	Moisture and Volatile Matter	0.25% Max
4	Insoluble Impurities	0.02% Max
5	Iodine Value	82 – 90 g I_2/100g
6	Hydroxyl Value	160 – 168 mg KOH/g
7	Acetyl Value	140 Min
8	Saponification Value	177 – 187 mg KOH/g
9	Unsaponifiable Matter	1.00% Max
10	Colour Lovibond 5¼" Cell	Yellow 10, Red 1.0 Max
11	Refractive Index @ 20°C	1.477 – 1.481
12	Relative Density @ 15.5/15.5°C	0.958 – 0.969
13	Viscosity Gardner - Holdt	U – V
14	Appearance @ 25°C	Brilliantly clear and free of suspended matter
15	Odour	Very slightly, characteristic
16	Ricinoleic Acid Content	85% Min

Values are typical for this grade. Results for each lot are reported on its COA; specifications can be agreed per contract.

STANDARD PACKAGING & BULK LOGISTICS

Bulk in ISO Tank / Flexitank • 200 / 225 kg Epicoat-lined MS Drums / HDPE Drums • 950 kg IBC

TARGET INDUSTRIAL APPLICATIONS

Pressed, highly bleached, low-color grade obtained by hydraulic cold expelling followed by advanced carbon and bentonite adsorption. Used in personal care, lipsticks, specialty varnishes, inks, and clear polyurethanes.

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Disclaimer: The specifications above reflect typical quality values. Every shipment is accompanied by a batch Certificate of Analysis (COA). HS tariff classification is indicative; final code confirmed at time of export.

Nagdev Products Pvt. Ltd.
Quality Assurance Laboratory