

Walsroder Nitrocellulose


























Product Range

By law commercial Nitrocellulose must be damped or plasticized to a prescribed minimum level. Walsroder Nitrocellulose is damped in ethanol, isopropanol or water. Due to the increasingly strict regulations high demands are placed on the availability of our products. Bearing in mind production parameters and application requirements we have defined


priorities within our product range, to facilitate the choice of grade. The following table shows the grades of damped Nitrocellulose currently available from Dow Wolff Cellulosics. In case you require other grades or viscosities, please do not hesitate to contact us.

Packaging

The packaging of Walsroder Nitrocellulose meets the legal requirements as set out in the UN Recommendations and the respective national and international transport regulations, such as ADR (road), RID (rail), IMDG-Code (sea). Walsroder Nitrocellulose is available in fibre drums of 110 litres or 200 litres and in cartons with a net weight of 20 kilograms.

	Damping Agent			ISO 14446 comparable with
	Water 35 %	Ethanol 35 %	Isopropanol 30 %	
Nitrogen Content of A-grades: 10.7 – 11.3 %				
A 400				30 A
A 500				27 A
A 700				15 A
Nitrogen Content of AM-grades: 11.3 – 11.8 %				
AM 500				27 M
Nitrogen Content of E-grades: 11.8 – 12.3 %				
E 330/E 360				34 E
E 375/E 380				31 E
E 400				28 E
E 510				25 E
E 560				23 E
E 620				22 E
E 840				12 E
E 950				9 E
E 1160				7 E

Fibre drums, 200 l:  57 cm diameter x 88 cm high,
4 drums on a pallet (114 x 114 cm)
pallet height 15 cm

Fibre drums, 110 l:  46 cm diameter x 76 cm high,
6 drums on a pallet (80 x 120 cm)
pallet height 15 cm

Cartons, 47 l:  48 cm high x 38 cm x 28 cm
pallet height 15 cm

Net Weights

The net weight of Walsroder Nitrocellulose packed in cartons is 20 kg. The net weight in drums varies with drum size, damping agent and with the type of Walsroder Nitrocellulose it contains. Weights are shown in the table.

Net Weight			
	Water 35 %	Ethanol 35 %	Isopropanol 30 %
A 400	110 l: 51.3 kg	110 l: 51.3 kg 200 l: 110.0 kg	110 l: 51.3 kg 200 l: 110.0 kg
A 500		110 l: 38.5 kg 200 l: 110.0 kg	110 l: 38.5 kg 200 l: 110.0 kg
A 700		110 l: 32.1 kg	
AM 500	110 l: 38.5 kg		
E 330/E360		110 l: 51.3 kg	110 l: 55.0 kg 200 l: 110.0 kg
E 375/E380		110 l: 51.3 kg	110 l: 50.0 kg 200 l: 110.0 kg
E 400		110 l: 38.5 kg	110 l: 48.0 kg 200 l: 110.0 kg
E 510		110 l: 38.5 kg	110 l: 45.0 kg
E 560	110 l: 30.8 kg		110 l: 45.0 kg 200 l: 90.0 kg
E 620	110 l: 30.8 kg	110 l: 38.5 kg	110 l: 35.7 kg 200 l: 65.0 kg
E 840	110 l: 30.8 kg		110 l: 44.0 kg 200 l: 86.0 kg
E 950		110 l: 38.5 kg	110 l: 44.0 kg 200 l: 82.0 kg
E 1160			110 l: 44.0 kg 200 l: 82.0 kg

Delivery Unit ex Works

The unit of delivery from our factory is a full pallet. Only one grade is packed on a pallet. Mixed pallets with different grades and/or different pack sizes are not possible. The weight of a pallet of Nitrocellulose in cartons is 320 kg (net). Overseas (container) shipment of cartons is not possible. Pallet sizes for Nitrocellulose in fibre drums depends on grade and pack size. The weight of full pallets of material in drums is shown in the table.

Delivery unit (net)			
	Water 35 %	Ethanol 35 %	Isopropanol 30 %
A 400	110 l: 307.8 kg	110 l: 307.8 kg 200 l: 440.0 kg	110 l: 307.8 kg 200 l: 440.0 kg
A 500		110 l: 231.0 kg 200 l: 440.0 kg	110 l: 231.0 kg 200 l: 440.0 kg
A 700		110 l: 192.6 kg	
AM 500	110 l: 231.0 kg		
E 330/E360		110 l: 307.8 kg	110 l: 330.0 kg 200 l: 440.0 kg
E 375/E380		110 l: 307.8 kg	110 l: 300.0 kg 200 l: 440.0 kg
E 400		110 l: 231.0 kg	110 l: 280.0 kg 200 l: 110.0 kg
E 510		110 l: 231.0 kg	110 l: 270.0 kg
E 560	110 l: 184.8 kg		110 l: 270.0 kg 200 l: 360.0 kg
E 620	110 l: 184.8 kg	110 l: 231.0 kg	110 l: 214.2 kg 200 l: 260.0 kg
E 840	110 l: 184.8 kg		110 l: 264.0 kg 200 l: 344.0 kg
E 950		110 l: 231.0 kg	110 l: 264.0 kg 200 l: 328.0 kg
E 1160			110 l: 264.0 kg 200 l: 328.0 kg