

# AROSHACARB® CM40

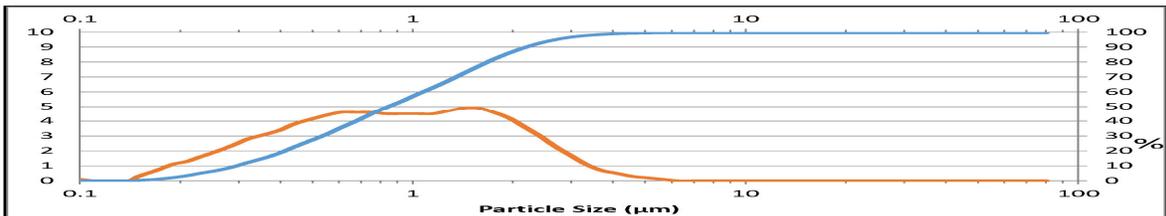
PRODUCT SPECIFICATION		APPLICATIONS	
Natural, ultra-fine Calcium Carbonate manufactured from high purity and whiteness limestone. high technology surface coating is applied		Plastics, Polymers, PVC profiles, Profile sheets, PVC pipes, Industrial paints, Filler primers, Anti-corrosion fillers	
PACKAGING		STEARIC ACID (kg per ton)	
25-30 kg ADS bag Big Bag Pallet and shearing		10-11 KG	

Physical Characteristics		Chemical Analysis		
Whiteness	98 MIN (DIN 6174)	CaCo3	99%	MIN
Refractive index	1.59%	MgO	0.20%	MAX
Hardness(Mohs)	3.00	Fe2O3	0.01%	MAX
Humidity	0.2% MAX	Al2O3	0.04%	MAX
Density	2.730 g/cm 3	Si2O	0.01%	MAX
PH	9 (ISO 787/9)	Na2O	0.05%	MAX
Oil Absorption	35.0 ml/100g (ISO 787/5)	CaO	56.06%	MAX
Bulk Density	0.45 g/ml (ISO 787/11)	L.O.I	43.89%	MAX
Moisture	0.2 %	Insoluble content in Hcl	0.1%	MAX

MALVERN		Mastersizer				SB.O.D				Easy Mode				Span
High Size	In %	High Size	In %	High Size	In %	High Size	In %	High Size	In %	High Size	In %	High Size	In %	
80	0	24.9	0	7.75	0	2.41	3	0.75	4.6	0.23	1.6	2.22	1.6	D[4,3]
71.9	0	22.4	0	6.97	0	2.17	3.6	0.68	4.6	0.21	1.3	1.08	1.3	µm 1.08
64.7	0	20.1	0	6.27	0	1.95	4.2	0.61	4.6	0.19	1.1	0.84	1.1	D[3,2]
58.2	0	18.1	0	5.64	0.1	1.75	4.6	0.55	4.4	0.17	0.7	0.61	0.7	µm 0.61
52.3	0	16.3	0	5.07	0.2	1.58	4.9	0.49	4.1	0.15	0.3	0.5	0.3	D[v,0.9]
47.1	0	14.6	0	4.56	0.3	1.42	4.9	0.44	3.8	0.14	0	0.4	0	µm 2.16
42.3	0	13.2	0	4.1	0.5	1.28	4.7	0.4	3.4	0.12	0	0.3	0	D[v,0.1]
38.1	0	11.8	0	3.69	0.7	1.15	4.5	0.36	3.1	0.11	0	0.2	0	µm 0.29
34.2	0	10.7	0	3.32	1.1	1.03	4.5	0.32	2.8	0.1	0.1	0.1	0.1	D[v,0.5]
30.8	0	9.58	0	2.98	1.7	0.93	4.5	0.29	2.4	0.09	0.09	0.09	0.09	µm 0.84
27.7	0	8.62	0	2.68	2.3	0.83	4.5	0.26	2	0.08	0.08	0.08	0.08	µm 0.29
Source = HeNe Sample = کربنات کلسیم Focal Length = 45 mm Presentation = 0808				Beam Length = 3.0 mm Residual = 0.797 Obscuration = 0.4391 Volume distribution				Model Indp Volum Conc. = 0.0053 Sp.S.A = m³/cc 9.8694				shape offe		

High Size(µm)	80	71.9	64.7	58.2	52.3	47.1	42.3	38.1	34.2	30.8	27.7	24.9	22.4	20.1	18.1	16.3
درصد فراوانی %	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Size(µm)	14.6	13.2	11.8	10.7	9.58	8.62	7.75	6.97	6.27	5.64	5.07	4.56	4.1	3.69	3.32	2.98
درصد فراوانی %	0	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.5	0.7	1.1	1.7
High Size(µm)	2.68	2.41	2.17	1.95	1.75	1.58	1.42	1.28	1.15	1.03	0.93	0.83	0.75	0.68	0.61	0.55
درصد فراوانی %	2.3	3	3.6	4.2	4.6	4.9	4.9	4.7	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.4
High Size(µm)	0.49	0.44	0.4	0.36	0.32	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.14	0.12	0.11	0.1
درصد فراوانی %	4.1	3.8	3.4	3.1	2.8	2.4	2	1.6	1.3	1.1	0.7	0.3	0	0	0	0.1



## About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.

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