

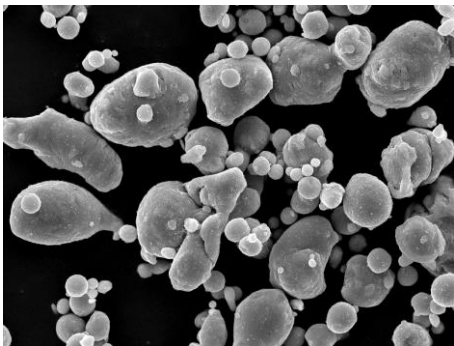
Our unique atomization process offers zinc powders of the highest purity (SHG quality) and the most constant stable particle size diameter, compliant with the stringent demands of ASTM 520 Type III. This grade is suitable for the manufacture of zinc primers and shop primers (e.g. inorganic ethyl silicate and epoxy primers).

Packaging (UN approved) : 25 kg paper bags - metal drums (50-100 kg) & pails - bulk bags. Avoid stacking bagged product, as excessive compression is detrimental to dispersion.

Shelf life: 12 months – except 9 months in bulk bags

Storage: indoor in a dry ventilated location. To maximize the shelf life and maintain product integrity, do not open the container until the material is to be used.

Material Safety Data Sheet available on request.

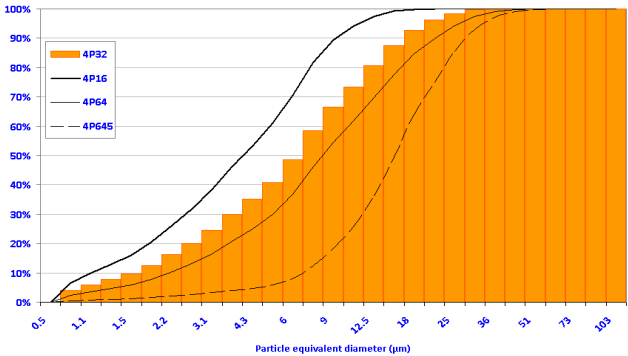


		Type II		Type III	
Elements	Method	Specifications	Typical value	Specifications	Typical value
Total zinc	Calculation	≥ 99 %	99.6 %	≥ 99 %	99.6 %
Metallic zinc	Titration	ISO3549	≥ 97 %	97.6 %	≥ 97 %
Pb	AA	ISO3549	≤ 0.003 %	0.002 %	≤ 0.002 %
Cd	AA	ISO3549	≤ 0.001 %	0.0002 %	≤ 0.001 %
Fe	AA	ISO3549	≤ 0.002 %	0.0002 %	≤ 0.002 %

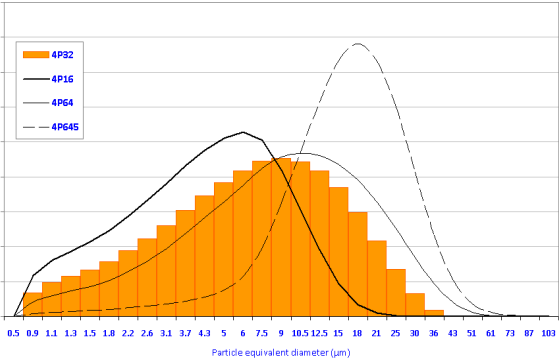
	Method		Specifications	Typical value
Average particle size	Fisher sub sieve sizer	ASTM B330-07	3.9 µm - 4.9 µm	4 µm
Average particle size (x50)	Laser diffraction	-	4.7 µm - 7.4 µm	5.6 µm
Cut off diameter (x99)	Laser diffraction	-	≤ 32 µm	22 µm
Sieve residue at 45 µm	Vacuum sieve	ISO 3549	≤ 0.01 %	0.001 %

Oil absorption	Spatula rubout	ASTM D281	Indicative values :	6.0 %
BET	N2 adsorption	-		0.4 m²/g
Bulk density	Scott volumeter	ASTM B329-06		2.2 g/cm³
Tamped density	Engelsmann	ISO R/787		3.6 g/cm³

4P32 - Cumulative size distribution on log scale



4P32 - Size distribution on log scale



The information contained herein has been compiled to the best of EverZinc’s knowledge, and is presented without any obligation.

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