

H&I Chemicals Ltd

Hesketh House, 5 Ashfield Road
Chorley, Lancashire, PR7 1LH

Tel: 01257 261633

Email: Sales@hichemicals.com



SALES SPECIFICATION

ZEOLITE ZP-4AM

Cas No:	1318-02-1
Appearance:	Fine white powder without foreign matter

Chemical Characteristics Typical

Na ₂ O:	17 – 19 %
Al ₂ O ₃ :	28 – 30 %
SiO ₂ :	31 – 34 %
H ₂ O:	18 – 22 %
Na ₂ SO ₄ :	1.5 – 2.5 %

Other Properties

Calcium ion exchange capacity:	160 mg CaO/g anhydrous min.
pH (5% Solution):	10 – 12
Bulk density:	450 – 550 g/l
Reflectance (R 460):	94 % min.
Anhydrous Solids Contents 1 hr at 800°C:	79 – 85 %
Tenside Absorption:	45 – 55 g/100g

H&I Chemicals Ltd

Hesketh House, 5 Ashfield Road
Chorley, Lancashire, PR7 1LH

Tel: 01257 261633

Email: Sales@hichemicals.com



Heavy Metals PPM Typical

Cr:	1 ppm max
Co:	1 ppm max
Ni:	1 ppm max
As:	3 ppm max
Ti:	5 ppm max
Fe:	50 ppm max
Fe (total):	200 ppm max

Particle Size Distribution

>10 microns:	10% max
<1 micron:	10% max
Average particle size d_{50} :	3-5 μ m
Wet sieve residue (on 45 μ m):	0.2 μ m