

Active Poly Sodium Metasilicate (APSM)

Product Information

Chemical Name	Activated poly Sodium Metasilicate
Commodity Name	APSM
Category	Water softener
Molecular formula	$\text{Na}_2\text{O} \cdot n\text{SiO}_2 \cdot n\text{H}_2\text{O}$
Molecular wt.	N/a
H.S.Code	38249990
CAS No.	1344-09-8

Technical Specification

Granular

Appearance	Free flowing white granular
Ca^{2+} exchange (mg CaCO_3 /g), 35°C,20min	320 min
Mg^{2+} exchange (mg MgCO_3 /g),35°C,20min	330 min
$\text{Na}_2\text{O} + \text{SiO}_2$ by weight %	75 min
Whiteness %	85 min
Bulk density (g/L)	480~ 600
pH of 1% water sol.	11 max
Water insoluble by wt %	1.5 max
Particle size (through 20 mesh sieve) by wt %	90 min

Packing & Loading Information

Packing	25/650kg PP bag with PE liner
Loading	26mt/40HQ
Shelf life	24 Months under proper storage condition*

* **Proper Storage condition:** Keep container tightly closed, keep in cool, dry and ventilated place, avoid strong acid.