

Technical Data Sheet

Sodium Metasilicate Pentahydrate 5H ₂ O				
Grade		5H ₂ O		
Product Code		P-28		
Technical Data Sheet(Properties’)				
Chemical Properties’				
Sr No	Characteristic	UNIT	Specification	Test Method
1	Na ₂ O Content	%	28-30	IS-14212:1995
2	SiO ₂ Content	%	28-30	IS-14212:1995
3	Dry matter	%	56-60	Na ₂ O+SiO ₂
Physical Properties’				
4	Appearance	-	White Granules	Visually
5	Bulk Density	gm/l	0.85-1.00	-
6	Ph	-	12 -13	Ph Meter
7	Water Insoluble	%	0.05 Max	IS-14212:1995
8	Melting Point	°C	72-73	-

Packing, Loading & Shelf life.

Packing	25KG/50KG PP bag with PE Liner, 1000 KG super sack with PE Liner, 25KG/50KG PP bag with PE Liner Packed in super sack 1000 KG, 25KG/50KG UN approved HDPE Bag with PE Liner, 25/50 KG PE liner in fiber drum
Loading – W/o Pallet	25KG/50KG – 25mt/20FCL 1000 KG super sack – 20MT/20FCL 25KG&50KG fiber drum - 8MT/20FCL; 16MT/40FCL
Loading – On Pallet	25KG&50KG – 20mt/20FCL 1000 KG super sack – 20MT/20FCL (Two super sack on each pallet) 25KG&50KG fiber drum - 8MT/20FCL; 16MT/40FCL
Shelf Life	12 Month under proper storage condition*

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