

PREMELT[®] 94-97% Calcium Chloride Pellets

PREMELT[®] Calcium Chloride Pellets are 94-97% percent calcium chloride and melt ice faster and across a wider temperature range than competing products. **PREMELT[®]** has a practical melting temperature of -25 degrees F (-32 degrees C) making it the ice melter with the lowest melting point. **PREMELT[®]** Calcium Chloride Pellets meets fully or exceed standards ASTM D 98, AASHTO M144 requirements, GOST 450-77 .and/or STO 39297743 – 02 – 2007

PREMELT[®] is recommended for deicing asphalt and concrete surfaces that have been designed and constructed for winter conditions. Quantity and melting action depend upon air and pavement temperatures, storm conditions, thickness of compacted ice and snow. Solid deicer **PREMELT[®]** could be dissolved for next following application as liquid anti-icing reagent for prevention of icy conditions.

With **PREMELT[®]** Calcium Chloride pellets you get powerful deicer with significant benefits:

- Melts Ice 2 to 5 times faster than competing deicing materials
- Absorbs moisture and liberates heat to speed melting
- Penetrates through ice 2 to 4 times faster than competing materials
- Works in a wider range of winter temperatures, even extreme cold
- Lower environmental impact
- Do not chemically attack concrete
- Leaves no powdery residue

PREMELT[®] 94-97% Calcium Chloride Pellets CHEMICAL PROPERTIES:

| # | Parameter | UOM | Guaranteed | Typical |
|---|---|--------|------------|---------|
| 1 | Fraction of calcium chloride total mass (CaCl ₂) | %, min | 94 | 96 |
| 2 | Fraction of magnesium total mass, calculated on MgCl ₂ | %,max | 0,5 | 0,1 |
| 3 | Fraction of other chlorides, including MgCl ₂ , recalculated to NaCl | %,max | 1,5 | 1 |
| 4 | Fraction of iron (Fe) | %,max | 0,004 | 0,004 |
| 5 | Fraction of insoluble in water residual total mass | %,max | 0,1 | 0,05 |
| 6 | Fraction of sulphates, recalculated to sulphate -ion | %,max | 0,1 | 0,1 |

PREMELT[®] 94-97% Calcium Chloride Pellets PHYSICAL PROPERTIES: white pellets without odor