

Polycarboxylate ether (PCE)

Properties

CAS NO. 62601-60-9

Properties	Unit	Value		Test Method
		PCE-WR-50	PCE-SR-50	
		(Water Reduction Agent - 50% liquid)	(Slump Retaining Agent - 50% liquid)	
Appearance	-	Colorless to light yellow liquid	Colorless to light yellow liquid	Visual inspection
Solid Content	%	50 ± 2.0	50 ± 2.0	Analyzer RLWI-32
pH @25°C	-	5.5 ± 1.5	5.5 ± 1.5	pH meter LWI-3
Density @25°C	g/cm ³	1.10 ± 0.02	1.10 ± 0.02	MAWI-71

Shelf Life (when stored as recommended) – 1 year from the date of manufacture.

Grades

- PCE-WR-50 (Water Reduction Agent - 50% liquid)
- PCE-SR-50 (Slump Retaining Agent - 50% liquid)

Major Applications

- Concrete Admixtures.
- Ready-Mix Concrete
- Self-Compacting Concrete (SCC)
- Precast Concrete
- Dry Mortars
- Ultra High Performance Concrete (UHPC)
- Decorative Concrete
- Building Chemistry

Packing

- IBCs
- ISOs