

Portland Pozzolana Cement – IS: 1489 2015 Specification for Portland Pozzolana Cement (Part 1): 2015 Fly ash based (third revision)

Characteristics	Requirements for Portland Pozzolana Cements	Test Method
<b>i) Fineness</b>		
<i>m<sup>2</sup> / Kg Min</i>	300	IS 4031 (Part 2)
<b>ii) Soundness By,</b>		
Le-Chatelier method <i>mm max</i>	10	IS 4031 (Part 3);
Autoclave method <i>percent max</i>	0.8	
<b>iii) Setting Time minutes</b>		
Initial <i>min</i>	30	IS 4031 (Part 5);
Final <i>max</i>	600	
<b>iv) Compressive Strength MPa</b>		
a) 72 ± 1 h, <i>Min</i>	16	IS 4031 (Part 6)
b) 168 ± 2 h, <i>Min</i>	25	
c) 672 ± 4 h, <i>Min</i>	33	
<i>Max</i>		
<b>v) Transverse strength (optional)</b>		IS 4031 (Part 8); see Note 3 and 4
<b>vi) Shrinkage</b>	0.15	IS 4031 (Part 10):
TechConsults		