

STALITE Lightweight Aggregate Properties and Gradations for Masonry Applications

	Tank A	Tank B	Tank C	Tank D	Tank E	Tank G	5/16"
Typical Density (Unit Weight)	lbs/cf	lbs/cf	lbs/cf	lbs/cf	lbs/cf	lbs/cf	lbs/cf
Damp Loose (ASTM C 29)	53 - 57	53 - 57	53 - 57	53 - 57	53 - 57	53 - 57	52 - 56
Dry Rodded (ASTM C 29)							
Sieve Size	% Retained	% Retained	% Retained	% Retained	% Retained	% Retained	% Retained
#4 (4.75mm)	11-14	11-17	5-11	3-9	4-10	20-27	60-95
#8 (2.36mm)	32-52	32-52	30-48	25-41	26-40	47-65	80-100
#16 (1.18mm)	54-70	56-72	52-68	45-61	43-61	64-78	90-100
#30 (600µm)	70-82	70-82	67-80	62-77	59-72	75-85	-
#50 (300µm)	75-86	78-88	77-87	73-85	70-85	82-90	-
#100 (150µm)	83-90	85-92	84-91	81-91	78-88	87-95	-
Fineness Modulus							
F.M.	3.25 - 3.94	3.32 - 4.03	3.15 - 3.85	2.89 - 3.64	2.80 - 3.56	3.75 - 4.40	-