

Commodity : Brick Ballast												
Selling Unit :												
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation	Unit	M	F	G	Demand aggregatio
PHYSICAL PROPERTIES												
1	Ballast sample should satisfy the following physical properties in accordance with IS:2386 Pt IV - 1963	CH	BG & MG	NG					√	√		1
2	Aggregate Abrasion Value,Max (In Percent)	CH	30	35					√	√		2
3	Aggregate Impact Value,Max (In Percent)	CH	20	30					√	√		3
SIZES AND GRADATION												
4	Size of Brick Ballast	EN	1-1/2" (38) mm gauge Shall be such as to completely pass through a ring or 1-1/2" (38) mm internal diameter and not more than 20% shall be more than 2" (51 mm) in greater length	3/4" (19) mm gauge Shall be such as to completely pass through a ring or 3/4"×3/4" (19 mm × 19 mm) mesh and not more than 20% shall be more than 1" (25 mm) in greater length					√	√		4
6	Retained on 65mm Sq mesh sieve,Max	EN	5%	NA					√	√		6
7	Retained on 40mm sq mesh sieve for machine crushed ballast only	EN	40%-60%	NA					√	√		7
8	Retained on 20mm sq mesh sieve	CH	Not less than 98% for machine crushed	Not less than 95% for hand broken.	NA				√	√		8

Basic Quality												
9	Ballast should be hard durable and as far as possible angular along edges/corners, free from weathered portions of parent rock, organic impurities and inorganic residues	CH	YES							√		9
Particle Shape												
10	Ballast should be cubical in shape as far as possible. Individual pieces should not be flaky and should have generally flat faces with not more than two rounded/sub rounded faces	CH	YES							√		10
Source and Purity												
11	Should be broken to the specified Gauge from bricks and their bats	CH	YES							√		11
12	Should be clean and free from surkhi, leave, straw , earth, sand or other Foreign matter	CH	YES							√		12