

PENNSYLVANIA

COMMON COARSE AGGREGATES FOR ROAD APPLICATIONS IN PA

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AGGREGATE SPECIFICATION

TOTAL PERCENT PASSING

	AASHTO	PA	4" (100 mm)	3 1/2" (90 mm)	2 1/2" (63 mm)	2" (50 mm)	1 1/2" (37.5 mm)	1" (25 mm)	3/4" (19 mm)	1/2" (12.5 mm)	3/8" (9.5 mm)	#4 (4.75 mm)	#8 (2.63 mm)	#16 (1.18 mm)	#50 (.15 mm)	#100 (.075 mm)
OPEN GRADED	1	4	100	90-100	25-60		0-15		0-5							
	3	3A			100	90-100	35-70	0-15		0-5						
	57	2B					100	95-100		25-60		0-10	0-5			
	8	1B								100	85-100	10-30	0-10	0-5		
	10										100	85-100			10-30	
WELL GRADED		2A				100			52-100		36-70	24-50	16-38	10-30		0-10
		2RC				100						15-60			0-30	
		DSA					100		65-95			30-65		15-30		10-15
		TSA								100	90-100	50-85	35-60	25-50		12-18

	AASHTO	PA	Common Name	General Size Description	General Uses
OPEN GRADED	1	4	Ballast	4" - 3/4" clean	Road base, buried drains
	3	3A		2 1/2" - 1/2" clean	Haul road surface, choke
	57	2B		1 1/2" - 3/32" clean	Buried drains
	8	1B		1/2" - 3/32" clean	Chip surfacing
	10		Grit, screenings	Less than 3/8"	Trail surface, anti-skid
WELL GRADED		2A	2A modified	2" - fine	Road base, road surface
		2RC	Misc., reclaim	Varies widely	Fill, pipe bedding, surface
		DSA	Driving surface aggregate	1 1/2" - fine	Unbound road surface
		TSA	Trail surface aggregate	1/2" - fine	Unbound trail surface