

Evaluation Table:

PEP ID:	
Manufacturer:	
Product Name:	

705 Preformed Pavement Marking - Type IV (Permanent) Yellow
 ADOT Specifications: Stored Specification 705PVMRK, Sections 705-2.04 and 705-2.06

Material Property	Specification/ Test Method	Requirements	Results	PASS/ Fail
Thickness, min, mils	705-2.04 (A)	90 mils, min		
Binder, min, %	705-2.04 (B)	18% min, Yellow		
Yellow Lead-Free Pigment, min, %	705-2.04 (B)	1.5% min, Yellow		
Reflective glass, inter-mix beads, range, %	705-2.04 (B)	30%-45% Reflective glass, inter-mix beads,		
Color	705-2.04 (C)(1) ASTM D6628	Pigments shall conform to standard highway colors		
Bend Test	705-2.04 (C)(2)	No cracking shall occur in the test specimen.		
Tensile Strength, min, psi	705-2.04 (C)(3) ASTM D638	At 150 psi, The elongation shall be no greater than 20%.		
Bond Test, shall be equal to or greater than, psi	705-2.04 (C)(4) ASTM D4796	Shall be equal to or greater than 180 psi		
Abrasion Resistance, max loss, grams	705-2.04 (C)(5) ASTM D4060	Maximum loss shall be equal to or less than 0.25 grams, in 500 revolutions		
Skid Resistance, min, BPN	705-2.04 (C)(6) ASTM E303	Shall have a minimum skid resistance of 45 BPN		
Impact Resistance, min, joule	705-2.04 (C)(7) ASTM D256 ASTM D4960	Sample shall not break when impacted by the force of 1.0 joule		
Roundness, min, %	705-2.06 (B)(1) ASTM D1155	A min, of 75% shall be wate-white true spheres.		
Reflective Index, min	705-2.06 (B)(2) ASTM C1648	1.50 at 25 degrees C		
Gradation	705-2.06 (B)(3) AASHTO M 247	Type 1 and Type 3		

Heavy Metal Composition, max, ppm	705-2.06 (B)(4)	Arsenic <75 ppm		
	EPA Method 3052	Antimony < 75 ppm		
	EPA Method 6010B	Lead < 100 ppm		