

## Evaluation Table:

<b>PEP ID:</b>	
<b>Manufacturer:</b>	
<b>Product Name:</b>	

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

<b>Material Property</b>	<b>Specification/ Test Method</b>	<b>Requirements</b>	<b>Results</b>	<b>PASS/ Fail</b>
Thickness, min, mils	705-2.04 (A)	90 mils, min		
Binder, min, %	705-2.04 (B)	18% White		
Titanium dioxide, min, %	705-2.04 (B)	10% White		
Reflective glass intermix beads, range, %	705-2.04 (B)	30%-45% White		
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	150, psi The elongation shall be no greater than 20 percent.		
Bond Test, equal to or greater than, psi	705-2.04 (C)(4) ASTM D4796	180 psi		
Abrasion Resistance, max loss, grams	705-2.04 (C)(5) ASTM D4060	0.25 grams in 500 revolutions		
Skid Resistance, min, BPN	705-2.04 (C)(6) ASTM E303	45 BPN, min		
Impact Resistance, min, joule	705-2.04 (C)(7) ASTM D256 ASTM D4960	Sample shall not break when impacted by the force of one joule		
Roundness, min, %	705-2.06 (B)(1) ASTM D1155	75 % min		
Refractive 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		
	705-2.06 (B)(4)	Arsenic < 75 ppm		

Heavy Metal Composition, max, ppm EPA	EPA Method 3052 EPA Method 6010B	Antimony < 75 ppm		
		Lead < 100 ppm		