

Declaration of Performance


DOP No. 12

In accordance to CPR 305/2011:

1. Identification of product type: Tubular cored electrode welding consumable
 Brand name: Hobart® FabCOR® F6
 Part numbers and diameters: S278308 (0.9mm), S278310 (1.0mm), S278312 (1.2mm)
 Classifications: EN ISO 17632-A T3T Z Z M M20 3 and T3T Z Z M M21 3
 EN ISO 17632-B T43 Z TG 0 M20 A-G and T43 Z TG 0 M21 A-G
2. Batch number identifying the construction product: Refer to product label
3. Intended use of the construction product: Metallic structures or composite metal and concrete structures
4. Name and contact address of the manufacturer: Hobart Brothers LLC 101 Trade Square East Troy, OH 45373 USA
5. Authorized representative: N/A
6. System of assessment and verification of constancy of performance of the construction product: System 2+
7. Notified body/Reg. No: TÜV Rheinland/0035 performed:
 - Initial inspection of the manufacturing plant and of factory production control
 - Continuous surveillance, assessment, and evaluation of factory production control under System 2+ and issued certificate of conformity of factory production control no. 0035-CPR-C810
8. European Technical N/A
9. Declared performance (see chart on the right):
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

Essential Characteristics:	Performance:			Harmonized Technical Specification:
	Min	Max	Values	
Chemical composition:				EN 13479:2017
C:	0.04	0.18	%	
Mn:	1.40	1.90	%	
Si:	0.90	1.30	%	
P:	-	-	%	
S:	-	-	%	
Cr:	-	0.10	%	
Ni:	-	0.10	%	
Mo:	-	0.02	%	
V:	-	0.02	%	
Nb:	-	0.05	%	
Ti:	0.01	0.07	%	
B:	-	0.0003	%	
Al:	-	0.04	%	
Cu:	-	0.12	%	

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer by: 

David A. Thomas – Quality Assurance Representative Troy, OH USA 11/12/19