



Takht-e-Jamshid Petrochemical Co.

## Certificate of Analysis (COA)

Product name: TJPC PBR 1220

Quantity

User:



| Item                                                  | Unit                 | Specification | Result  | Test Method     |
|-------------------------------------------------------|----------------------|---------------|---------|-----------------|
| Raw Mooney Viscosity                                  | MU                   | 41- 49        | 45      | ASTM D1646-07   |
| Cis Content                                           | WT%                  | Min. 96       | 96.4    | Internal Method |
| Volatile Matter Content                               | WT%                  | Max. 0.75     | 0.5     | ASTM D5668-09   |
| Ash Content                                           | WT%                  | Max. 0.3      | 0.07    | ASTM D1416      |
| Compound <sup>1</sup> Mooney Viscosity                | MU                   | Max. 77       | 71      | ASTM D1646      |
| Tensile Strength (35 min)                             | Kg.f/cm <sup>3</sup> | Min. 150      | 162     | ASTM D412-06    |
| Elongation at Break (35min)                           | %                    | Min. 440      | 460     | ASTM D412-06    |
| 300% Modulus at 145°C                                 |                      |               |         |                 |
| 25 Min                                                | kg/cm²               | 68 - 108      | 76      | ASTM D412-06    |
| 35 Min                                                |                      | 74 -114       | 92      |                 |
| 50 Min                                                |                      | 74 - 114      | 92      |                 |
| Certified by:                                         |                      |               |         |                 |
| <div>شرکت پتروشیمی تخت جمشید</div> <div>ON SPEC</div> |                      |               | TJPC QC |                 |
|                                                       |                      |               |         |                 |

TJF<sub>5</sub>-10110403-002-Rev01

<sup>1</sup> Compounding formula according to ASTM D-3189.