

# F2150

## Description

Chain-end modified with functional group which give good compatibility with silica

## Application

Tire

## Key Features

Fuel Efficiency, High Tg, High Vinyl, Low Oil, Mid Molecular Weight, Processability

| Properties                   | Condition   | Unit | F2150                    | Method     |
|------------------------------|-------------|------|--------------------------|------------|
| Polymer Property             |             |      |                          |            |
| Appearance                   |             |      | Pale Yellow ~ Dark Brown |            |
| Volatile Material            |             | wt % | Max 0.75                 | ASTM D5668 |
| Ash                          |             | wt % | Max 0.3                  | ASTM D5667 |
| Bound Styrene                |             | %    | 21.0±1.5                 | ASTM D5775 |
| Vinyl Content                |             | %    | 50±2.0                   | FT-IR      |
| Oil Content (TDAE)           |             | %    | 4.7±1.5                  | ASTM D5774 |
| Polymer Viscosity (Unmassed) | ML1+4,100°C | MU   | 57±6                     | ASTM D1647 |